Access DB# 68985

63

SEARCH REQUEST FORM

Scientific and Technical Information Center

77264

equester's Full Name: Chanda Harris Examiner # : 77264 Date: _____

rt Unit: 3714 Phone Number 30 8-8358 Serial Number: 09/820,123

fail Box and Bldg/Room Location: CP2-10 D10 Results Format Preferred (circle): PAPER DISK E-MAIL

more than one search is submitted, please prioritize searches in order of need.

****

lease provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. nclude the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or itility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if nown. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Fill-in-the-blank applet

Inventors (please provide full names): Thomas M. Sirhall

Earliest Priority Filing Date: 3/28/01

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Fill-in-the-blank applet

or

applet with textbox (or field)

for receiving an answer to

a question.

See attached Claim 1

BEST AVAILABLE COPY

BEST AVAILABLE COPY

STAFF USE ONLY

Searcher: Bode [illegible]

Searcher Phone #: 308-5172

Searcher Location: CPK2-4630

Date Searcher Picked Up: 06-24-02

Date Completed: 06-24-02

Searcher Prep & Review Time: 30

Clerical Prep Time: _____

Online Time: 240

PTO-1590 (8-01)

Type of Search

NA Sequence (#) _____

AA Sequence (#) _____

Structure (#) _____

Bibliographic ✓

Litigation _____

Fulltext ✓

Patent Family _____

Other _____

Vendors and cost where applicable

STN _____

Dialog # 895.42

Questel/Orbit _____

Dr.Link _____

Lexis/Nexis _____

Sequence Systems _____

WWW/Internet _____

Other (specify) _____

```
Set      Items   Description
S1     4255692   ONLINE OR ON()LINE OR ELECTRONIC? OR DIGITAL? OR WWW OR IN-
             TERNET? OR WORLD?()WIDE()WEB OR WEBSITE? OR HOMEPAGE? OR WEB(-
             )(SITE? OR PAGE?) OR WEBPAGE? OR BBS OR HOME()PAGE? OR W3 OR -
             NETWORK? OR WAN OR BULLETIN()BOARD()SYSTEM?
S2     1544266   INTERACTIV? OR INTERACT OR INTERACTION OR INTERWORK? OR IN-
             TERPLAY? OR MORTIS? OR CO()OPERAT? OR COOPERAT? OR BACK(1N)FO-
             RTH OR DYNAMIC? OR INTERCHANG? OR RECURSI?
S3      261200   APPLET? OR HTML OR HYPERTEXT OR MARK()UP()LANGUAG? OR MARK-
             UP()LANGUAG? OR HDML OR SGML OR VRML OR XML OR SCRIPT? OR JAV-
             A()(APPLET? OR SCRIPT?) OR ACTIVEX?
S4       78531   FILL?(3N)(BLANK OR SPACE? OR VOID? OR GAP? ? OR  OPENING?)
S5     6667448   QUESTION? OR SURVEY? OR PROFILE? ? OR FORM? OR RECORD? OR -
             FIELD? OR TEXT(N)BOX OR INSTRUCTION?
S6           0   AU=SIRHALL THOMAS OR SIRHALL, THOMAS
S7          21   S1(S)S2(S)S3(S)S4(S)S5
S8         160   S4(S)S3(S)S5
S9          47   S4(10N)S3(10N)S5
S10         22   S4(6N)S3(6N)S5
S11         40   S7 OR S10
S12         39   S11 AND PY<=2001
S13         30   RD (unique items)
? show files
File  15:ABI/Inform(R) 1971-2002/Jun 22
         (c) 2002 ProQuest Info&Learning
File 635:Business Dateline(R) 1985-2002/Jun 22
         (c) 2002 ProQuest Info&Learning
File  13:BAMP 2002/Jun W4
         (c) 2002 Resp. DB Svcs.
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 647:CMP  Computer Fulltext 1988-2002/Jun W3
         (c) 2002 CMP Media, LLC
File 674:Computer News Fulltext 1989-2002/Jun W3
         (c) 2002 IDG Communications
File 696:DIALOG Telecom. Newsletters 1995-2002/Jun 22
         (c) 2002 The Dialog Corp.
File  98:General Sci Abs/Full-Text 1984-2002/May
         (c) 2002 The HW Wilson Co.
File 570:Gale Group MARS(R) 1984-2002/Jun 20
         (c) 2002 The Gale Group
File 624:McGraw-Hill Publications 1985-2002/Jun 21
         (c) 2002 McGraw-Hill Co. Inc
File 369:New Scientist 1994-2002/Jun W2
         (c) 2002 Reed Business Information Ltd.
File 484:Periodical Abs Plustext 1986-2002/Jun W3
         (c) 2002 ProQuest
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 370:Science 1996-1999/Jul W3
         (c) 1999 AAAS
File 553:Wilson Bus. Abs. FullText 1982-2002/May
         (c) 2002 The HW Wilson Co
File  95:TEME-Technology & Management 1989-2002/Jun W3
         (c) 2002 FIZ TECHNIK
?
```

13/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02038699 55594316
On track and in touch
Millman, Howard
Computerworld v34n26 PP: 88-89 Jun 26, 2000
ISSN: 0010-4841 JRNL CODE: COW
WORD COUNT: 919

...TEXT: reduced acquisition costs and less maintenance complexity.

SureTrak uses the Web for the distribution of **HTML - formatted** reports, but it's strictly one-way pushing information out to the clients. Primavera's Webster, a $250-per-seat companion product, provides the equivalent **interactivity** found in Project Central. SureTrak's other attributes include welldesigned tutorials and Project KickStart Wizard, which provides **fill** -in-the- **blank** simplicity for brainstorming and creating new projects. Another wizard streamlines the process of adding projects into an existing group. SureTrak works with **Internet** Explorer and Netscape browsers.

Project Management On the Lite Side
If you're looking for...

13/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01756843 04-07834
Metadata for corporate intranet
Doran, Kelly
Online v23n1 PP: 42-50 Jan/Feb 1999
ISSN: 0146-5422 JRNL CODE: ONL
WORD COUNT: 3870

...TEXT: With help from an IT applications developer, we created a simple, easy-to-use HTML **form** with built-in controlled vocabulary and Javascript authentication, enabled with a CGI **script** written in Perl.

The Metadata Generator includes:

Fill -in-the- **blank** inputs for most **fields**

"Pick list" dropdown menus for controlled vocabulary

(Table Omitted)

Captioned as: Weyerhaeuser Metadata Fields
A...

13/3,K/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01731631 03-82621
Homework online
Koplowitz, H B
Link-Up v15n6 PP: 19 Nov/Dec 1998
ISSN: 0739-988X JRNL CODE: LUP
WORD COUNT: 750

...TEXT: information in cyberspace worth using in a term paper, an indispensable site is "MLA Bibliographic **Format Interactive Forms** " (**www** .nueva.pvt.k12. ca.us/-debbie/library/research/research. **html**). Created by The Nueva School, an independent day school for gifted

prekindergarten through eighth grade...

... in the San Francisco area, the site makes it easy to write a bibliography of **Internet** sources in MLA style by providing **fill** -in-the- **blank** **forms** for **online** books and magazines, e-mail messages, newsgroups, CD-ROMs, personal **Web** **sites** , and other cyber citations.

One more worthwhile resource is "The Internet Public Library" (www.ipl...

13/3,K/4 **(Item 4 from file: 15)**
DIALOG(R)File 15:ABI/Inform(R)

01547052 01-98040
After Gutenberg: The best tools for publishing on the Web
Marbach, Bill
Fortune Technology Buyer's Guide Supplement PP: 276-277 Winter 1998
ISSN: 0015-8259 JRNL CODE: FOR
WORD COUNT: 999

ABSTRACT: Only a few years ago, creating **Web** **pages** required writing **HTML** **instructions** . Today's editing programs automatically generate the necessary **HTML** code; users only have to position text and graphics with a mouse. Most of the new Web tools include helpful features such as **fill** -in-the- **blank** templates, assistant programs that provide step-by-step guides to creating a page, and clip art. The least expensive option for creating fairly complex **Web** **pages** is downloading a shareware or freeware **HTML** editor available on the Web, such as Netscape Communications' Composer or America **Online** 's NaviPress. Adobe's PageMill, Claris's **Home** **Page** , and Microsoft's FrontPage 98 provide more flexibility and extras but are more expensive. NetObjects' Fusion tool helps manage typical **web** **sites** . **Forman** **Interactive** 's **Internet** Creator package and Peachtree Software's Peachlink can help small businesses create catalogs and complete **online** stores.

13/3,K/5 **(Item 5 from file: 15)**
DIALOG(R)File 15:ABI/Inform(R)

01296642 99-46038
Buoyed by development promises
Anonymous
Network World v13n37 PP: S25 Sep 9, 1996
ISSN: 0887-7661 JRNL CODE: NWW
WORD COUNT: 353

...ABSTRACT: tools. Circumventing the limitations inherent in the Web environment itself is often the crucial issue. **HTML** -generated Web pages are simple **fill** -in-the- **blank** **forms** that do not support embedded intelligence. Vendors have indicated they plan to overcome **HTML** limitations by supporting Web-based programming environments such as Microsoft corp.'s Active X or...
...TEXT: circumventing the limitations inherent in the Web environment itself.

Help desk vendors' efforts to overcome **HTML** limitations are promising.

HTML -generated **Web** **pages** are simple **fill** -in-the- **blank** **forms** that do not support embedded intelligence. "Web clients are more like 3270 terminals than **interactive** front ends," says Bill Freedman, product manager for the ARWeb help desk software at Remedy...

13/3,K/6 **(Item 6 from file: 15)**
DIALOG(R)File 15:ABI/Inform(R)

01233800 98-83195
Borealis image server
Meyer, Eric A; Murray, Peter E
Computer Networks & ISDN Systems v28n7-11 PP: 1123-1137 May 1996
ISSN: 0376-5075 JRNL CODE: CNI

...ABSTRACT: at other sites at very little expense. A Borealis server can be queried from any **Web page** or browser and delivers an image which has been watermarked. This watermarking is intended to...

... including the image in its full size, a reduced version of the image, and a **dynamically** generated **HTML** information page. Images may also be returned in a variety of graphic **formats** . Future enhancements should include **Web page** -based administration tools, support for authenticated users to view non-watermarked images, and more advanced file management. Through these and other enhancements, the Borealis Project should **fill** a critical **gap** in the effort to make images available on the Web. ...

13/3,K/7 (Item 7 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00594968 92-10141
When It's Your Job to Write Scripts for Telemarketing . . .
Carr, Ron J.
Telemarketing Magazine v10n7 PP: 20-23 Jan 1992
ISSN: 0730-6156 JRNL CODE: TLM
WORD COUNT: 1615

...TEXT: the customer or when the communicators are experienced and have training in objection handling.

Outline **scripts** are essentially checklists, often combined with **fill** -in-the- **blank forms** for the communicator to complete. These are best used when the communicators are expected to...

13/3,K/8 (Item 1 from file: 635)
DIALOG(R)File 635:Business Dateline(R)

0677766 96-34943
'Radical' CEO makes Sun shine brightly
Hick, Virginia Baldwin
St Louis Post-Dispatch (St Louis, MO, US) pE1
PUBL DATE: 960128
WORD COUNT: 1,039
DATELINE: St Louis, MO, US, Midwest

TEXT:

...or Windows 95, with mainframes or laptops.

At the moment, Java is used mostly for **applets** that pop up with **fill** -in-the- **blank questions** --to get on an Internet site's e-mail list, perhaps, or to file an...

13/3,K/9 (Item 1 from file: 13)
DIALOG(R)File 13:BAMP

01140187 02178950 (USE FORMAT 7 OR 9 FOR FULLTEXT)
XML bridges existing systems, Internet solutions
(Foresight's TradeSite/XML helps companies move from legacy systems and electronic data interchange to e-commerce systems and eXtensible markup language)
Automatic I.D. News, v 15, n 11, p 24

October 1999
DOCUMENT TYPE: Journal ISSN: 0890-9768 (United States)
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 327

ABSTRACT:
To smoothen the transition from legacy systems and **electronic** data interchange (EDI) to the newer e-commerce and eXtensible markup language (XML) programs, Foresight developed TradeSite/XML which extends enterprise EDI and legacy systems with the use of open **XML** specifications for purchase orders, invoices, and other business documents. Presenting simple, **fill** -in-the- **blank** , Web-based **forms** for the users, the product offers automatic two-way conversions between EDI files, Web-based **forms** , non-EDI application files an desktop interface specifications. It makes use of **XML** to enable companies to produce and receive other **XML** documents without modifying their internal systems and provides a thin-client interface to enable trading partners to integrate their business system with the TradeSite **forms** and in the process minimize the data entry associated with Web-based EDI. ...

13/3,K/10 (Item 2 from file: 13)
DIALOG(R)File 13:BAMP

01118530 01942041 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Authoring Softsware: It's the Write Stuff
(Whether one is a veteran scripter or an authoring neophyte, listed software can help customize and deliver the training goods)
Article Author(s): Abernathy, Donna J
Training & Development, v 53, n 4, p 54-55
April 1999
DOCUMENT TYPE: Journal ISSN: 1055-9760 (United States)
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1297

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...Townsend Street
Director 7, Pathware Attain, San Francisco, CA 94103
Authorware Synergy) 888.945.3430
www .macromedia.com

CBIquick Software Simulation AMT International
Authoring System 2313 West 33rd Street
Panama City, FL 32405
850.913.8354
www .amtcorp.com

Course Builder 4.3 Discovery Systems International
137 S. Gay Street
Knoxville, TN...

...Concepts
(Other tools available: Summit) P.O. Box 477
Fulton, MD 20759
888.828.8467
www .insystem.com

Quest 6.0 Allen Communication
(Other tools available: 5 Triad Center, 5th Floor...

...Edge, Salt Lake City, UT 84180
Manager's Edge, Trainer's Edge) 800.325.7850
www .allencomm.com

ToolBook II Instructor 6.5 Asymetrix Learning Systems
(Other tools available: 110-110th...

...Bellevue, WA 98004
Assistant, IconAuthor 7.6 800.448.6543
Net Edition, IconAuthor.7.1 **www** .asymetrix.com

for Unix, Librarian)

Product
Authorware 5 Attain
(Other tools...

...knowledge
Director 7, Pathware Attain,
Authorware Synergy)

CBIquick Software Simulation
Authoring System

Course Builder...
...platform conversion

Design-a-Course 2.52g

Trainer5

Everest...

...the-fly feature

Quest 6.0
(Other tools available:
Quest Net+, Designer's Edge,
Manager's Edge, Trainer's Edge)

...Unix, Librarian)

Product
Authorware 5 Attain
Professional edition: $1,395.99

Everest Authoring 2.0
(Other tools available: Summit)

...and government
for Unix, Librarian)

Feature Highlights
* Flowline metaphor

objects
* Templates and models
* Built-in data tracking
* **Hypertext** /hyperlinking
* Full text searching
* For simulation tutorials
* No programming
* **Interactive** **Forms** included
* Net, CD-ROM, **network** , disk delivery
* 60 days of free technical support
* 16-and 32-bit versions

package
* Menu-driven input
* No programming
* Multiple choice, **fill** -in-the-**blank** **questions**
* Test grading
* No additional software required
* Menu-driven content input
* **Electronic** book metaphor
* Media library with more than 1,000 royalty-free images
* **Hypertext** /hyperlinking
* **Question** feedback
* One year of free email technical support
* Multiple testing options (standard edition features)

* Page templates and graphics library
* Drag-and-drop icons to build pages
* **Internet** simulator
* WYSIWYG and design levels
* Programming options: **ActiveX** and C coding
* QuickStart...

* Editors for audio, icons, cursors, bitmaps, menus, and color palettes
* ToolBook II Coach **online** resource
* Templates and wizards

System Requirements(*)
PC: Inte processor, 16MB RAM...

Extras: license; plug-in player
Free **online** download or $10 for disk version
Extras: Distribution license; add-ons...

discounts

Editor's note: This listing is based on a **survey** of product vendors conducted in January, 1999. The listing represents responses deemed relevant to the...

...by the
vendors.
(*) Minimums for authoring on stand-alone workstations. Contact manufactures for playback and **network** system requirements.
(**) Prices valid as of 1/99. Contact the manufacturers for personalized quotes.

...

13/3,K/11 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire

0697853 BW0226

REAL TIME INTEGRATION: Real Time Integration announces embedded Web Server for test and measurement

April 30, 1997

Byline: Business Editors

...administrative clients can operate on sixteen different operating system and computer combinations. Configuration uses simple " **fill** -in-the- **blank** " **HTML** **forms** and offers many options including TCP/IP network settings, number and type of data channels...

13/3,K/12 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext

01163104 CMP ACCESSION NUMBER: EET19980601S0089
Surfers get Java database engine - Development and delivery of data over the Internet aided with fuzzy logic
R. Colin Johnson
ELECTRONIC ENGINEERING TIMES, **1998** , n 1010, PG41
PUBLICATION DATE: 980601
JOURNAL CODE: EET LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Technology
WORD COUNT: 811

, **1998**
... end user.

Fuzzy knowledge bases are generated by an online consultation session in which a **Java** **applet** interrogates the design engineer (or other resident "domain expert") with **fill** -in-the- **blank** **questions** . Once the knowledge base has been filled from the consultation session, it can be made...

13/3,K/13 (Item 2 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext

01103664 CMP ACCESSION NUMBER: NTG19960901S0037
avatars anyone?
NETGUIDE, **1996** , n 309, PG42
PUBLICATION DATE: 960901
JOURNAL CODE: NTG LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: hot products - the hottest, the coolest, gotta-have toys

and tools
WORD COUNT: 92

, **1996**
TEXT:
... objects to populate that world? 3RD Dimension Technologies Inc.'s Virtual World Project aims to **fill** the **gap** . It is currently assembling a library of objects in **VRML** and other **formats** , including photorealistic images made with its $500 3DEXPRES software, which creates three-dimensional wireframes from...

13/3,K/14 (Item 1 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
(c) 2002 IDG Communications. All rts. reserv.

080072
The best app servers you've never heard of
Byline: April Jacobs
Journal: Network World Page Number: 41
Publication Date: December 13, 1999
Word Count: 656 Line Count: 62

Publication Year: **1999**
Text:
... servers. Most of the popular open source application servers are supported by project teams and **Web sites** with plenty of documentation and resources for use by potential developers. But the bottom line...

... code over and over - making it ideal for building constantly changing Web applications. At Indigo **Networks** , a Zope application server runs a program that lets employees update the company's **online** shopping application. The application features products from multiple merchants and needs frequent updating, according to...

... serve up data through most Web servers. One of Enhydra's strengths lies in its **XML** compiler's ability to separate business logic and presentation of pages - if the two are...

... to make changes. At Softcom, an application services provider, Enhydra helps developers separate Java and **HTML** in developing Web applications for **interactive Web sites** .Midgard is also gaining notice in the open source community. Written in a PHP **scripting** environment, Midgard is aimed at end users who need to serve up Web-based applications...

... packs for traditional applications and operating systems, he says.Companies such as Antarctica are also **filling** the **void** for open source support. **Digital** Creations, a company **formed** by the creators of Zope, helps customers install the free application server and build applications on it.Still, **Digital** Creations CEO Paul Everitt says he "lives and breathes" the uncertainty that surrounds open source...

... to sell services into corporate accounts. But with validation for open source growing in the **form** of public companies such as Red Hat, Everitt says the job is getting easier.

13/3,K/15 (Item 2 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
(c) 2002 IDG Communications. All rts. reserv.

075431
Care of NT nets made less expensive
Byline: JOHN FONTANA
Journal: Network World Page Number: 19
Publication Date: June 21, 1999
Word Count: 631 Line Count: 60

Publication Year: **1999**

Text:
... a greater return is plugging in no-cost or low-cost tools that will help **network** administrators better understand what is happening across their Windows NT infrastructures. There is no doubt that a costly package of know-how from a well-known vendor can make any **network** perform better, but **network** administrators also have access to a host of tools that don't cost a thing...

... work to come up with a handful of tools that are finding popularity across enterprise **networks** .Filemon and RegmonThese tools are freeware when used on a single machine, but the enterprise versions ($99, including five-user licenses) can be used across a **network** .Filemon monitors and displays all file system activity through a graphical user interface. It can show how applications use files and **Dynamic** Link Libraries, or track problems in system or application configurations.Regmon keeps an eye on...

... platform software at Pathlight Technology. "Both are essential for locating why permissions don't work." **www** .sysinternals.comVNCVirtual **Network** Computing (VNC) is a remote control freeware utility that was developed in AT&T Laboratories...

... NT version allows you to look at an NT desktop from any platform, including Linux. **www** .uk.research.att.com/vncExporter and MachinesSeveral users reported an affinity for Hyena, a management...

... a domain. It can be used to determine accounts that are no longer being used. **www** .systemtools.com/cgi-bin/ redirect.pl?free.htm FREEping"We use FREEping to monitor which servers are up or down, or if there are routing issues," says Taed Nelson, **network** engineer for Vertical **Networks** . FREEping will flash a pop-up window when a server goes down. Users can set fixed intervals for FREEping to check NT servers or any IP address on a **network** . **www** .tools4nt.com/Products/FREEping/FREEping.htm Emergency UndeleteThis freeware utility might come in handy in...

... recent virus scares. If you accidentally delete any data from command lines, applications or shared **network** drives, Emergency Undelete can recover that data from the hard disk. The Windows recycle bin only captures files deleted from Windows Explorer, but this tool **fills** in the **gaps** . **www** .executive.com NetKeepWith the proliferation of Web servers these days, administrators need an assistant just...

...track of them all. NetKeep provides data on Web servers that are live on a **network** and what software they are running. This shareware utility also keeps an archive of your server **profiles** . **www** .jwsg.com/netkeepinfo. **html**

13/3,K/16 (Item 3 from file: 674)
DIALOG(R)File 674:Computer News Fulltext

057938
Build or buy?
Computerworld Premier 100
Whether you create and manage your Web site or seek outside help depends on your staff's strengths, the control you want and your budget
Byline: Mark Halper
Journal: Computerworld Page Number: 48
Publication Date: February 24, 1997
Word Count: 926 Line Count: 84

Publication Year: **1997**
Text:
...not do it in-house? "We try to look for core competencies, and managing a **Web site** is not one of them," says Bill Schallenberg, manager of **Internet** services. When it comes to the development, operation and maintenance of **Web sites** , information managers and their business management cohorts at some Premier 100 organizations are finding that outsourcing is the way to go. Like other technologies before it, the **Internet** creates a build/buy conundrum; whether to do it yourself or pay

someone else to...
... of scale." Perhaps more than any other technological outsourcing project in the past, today's **Web site** development entails cross-disciplinary skills, such as creative design, graphics and writing. Furthermore, the requisite computer skills such as **HTML** , Java and Common Gateway Interface (CGI) programming are new, and when legacy links are involved...

... a little dicey. Then there's the challenge of laying out information in a versatile, **electronic** page-linking **format** , which allows for approaches not possible, or even thought of, on two-dimensional paper. **filling** the **void** Stepping in to meet these challenges are **Web site** "boutiques," whose only line of business is to create sites. There are also traditional ad agencies, traditional outsourcers and systems integrators, for when the **Web site** requires links to a finely tuned back end. As Forrester Research, Inc. analyst Josh Bernoff notes, if your **Web site** is part of a larger business-process remapping, "you don't hand it all over to (site developer) **Digital** Planet and ask them to re-engineer your business." Certainly, plenty of companies are buying...

... Input doubles the ante for that time frame, estimating a $20 billion market that includes **Web site** hosting and back-end integration. A Web contract can cost from $1,000 to $100...
... five of them. It's using Waldorf, Md.-based Design Corp. for page creation; Martin **Interactive** , a division of ad agency The Martin Agency, Inc., for page design and page links; UUNet Technologies, Inc. for **Web site** hosting; AC Nielsen I/Pro for site traffic analysis; and The Hotel Industry and Switching Co. for **electronic** commerce - processing room reservations and payments. Though Schallenberg says Marriott factors in core competencies when...

... deciding factor. Strategists at Progressive Insurance Co. in Mayfield, Ohio, decided to build their own **Web site** because they wanted control, they wanted to learn and they wanted to make changes quickly...

... Nationwide Mutual Insurance Co. and State Farm Mutual Automobile Insurance Co., Progressive has some ambitious **Internet** -related goals that include **electronic** commerce. Certainly, Conlon's has been a learning experience. For instance, the company has learned...

... bring page development in-house, ending a year-long relationship with San Francisco-based Organic **Online** . The site offers information about the fast food company, goods to buy and some **interactive** games for children. "When we originally started, the **Internet** was fairly new," recalls McDonald's webmaster Judy Newby. "We didn't have a lot...
... programming is the least of it," says Newby, who, like many webmasters, points out that **HTML** programming is relatively easy, and that plenty of tools circumvent **HTML** . Aetna, Inc. also took page development back from its original designer, Proxicom, Inc. - but it...

... will seek out a contractor for an upcoming major redesign. There's always the mercurial **question** of where the Web is heading, too. "If the Web should collapse, we don't...

13/3,K/17 (Item 4 from file: 674)
DIALOG(R)File 674:Computer News Fulltext

054578
Intranet-based help desks to the RESCUE
For IT managers and their users who would rather swim than sink, Web-based help desk software provides a great way to stay afloat while grappling with technical problems.
Byline: Elisabeth Horwitt
Journal: Network World Page Number: 22
Publication Date: September 16, 1996
Word Count: 1530 Line Count: 138

Publication Year: **1996**
Text:
...circumventing the limitations inherent in the Web environment itself.
Help desk vendors' efforts to overcome **HTML** limitations are promising.
HTML -generated **Web pages** are simple **fill** -in-the- **blank forms** that do not support embedded intelligence. ``Web clients are more like 3270 terminals than **interactive** front ends,'' says Bill Freedman, product manager for the ARWeb help desk software at Remedy...

13/3,K/18 (Item 5 from file: 674)
DIALOG(R)File 674:Computer News Fulltext

052451
New age, old architecture
Computerworld Client/Server Journal
The so-called intranet borrows heavily from the Internet and mainframe computing. Extending fat-client, distributed computing will be a major challenge
Byline: Elisabeth Horwitt
Journal: Computerworld Page Number: 21
Publication Date: June 01, 1996
Word Count: 2625 Line Count: 252

Publication Year: **1996**
Text:
Cover story
The **Internet** : Client/server killer or just another platform?" A good **question** . It was also the topic of one of the more popular keynotes at a recent...

... Sybase, Inc. Kertzman began by telling his audience that the shift to applications that leverage **Internet** -derived technologies will happen faster than the early 1990s' transition to client/server computing. And...
... only temporary. Kertzman went on to quote Marc Andriessen, Netscape Communications Corp. co-founder and **Internet** impresario, who recently said client/server as we know it is about to be supplanted by an **Internet** -based architecture. "To some extent that's true," Kertzman conceded. That mixed assessment is not...

... keep service levels up and costs down. Now, the explosion of business activity on the **World Wide Web** has spawned a parallel intranet movement: the idea of using Web browsers and servers and 'net-based protocols such as TCP/IP and **Hypertext** Transport Protocol (HTTP) as a standard platform for internal applications. And once again, IS managers ...

... such "pages" of information. That's about all today's mature intranet technology - specifically, the **Hypertext Markup Language** (**HTML**) for structuring **Web page** content - can support. Client **interaction** with data downloaded on a **Web page** is pretty much limited to **fill** -in-the- **blank** querying. Intranet technology is maturing fast, however, as **Internet** vendors and old-guard client/server software companies hasten to **fill** functional **gaps** with new tools and Web-based versions of older offerings. Enterprise intranet collaboration systems and...
... architectures such as Java. These offerings promise to support the movement of executable code, or **applets** , from server to client. The client can use the **applets** to perform calculations, data massaging and report generation locally, while IS retains centralized maintenance and limited, with **applets** tending to be either stand-alone applications, such as calendaring, or simple one-on-one...

...discard. Java currently lacks several infrastructure components that are prerequisites for distributed business applications that **interact** with multiple database and application back ends, according to Jonathan Vaughan, vice president of corporate...

... Inc. promises to release shortly is the Open Database Connectivity (ODBC) libraries that will allow **applets** to link to any SQL-compliant database back end. This saves Java programmers from writing such links from scratch. **Web pages** provide similar links via Common Gateway Interfaces. However, Java seems to be freeing itself from dependence on **Web pages** , as well as **HTML** limitations. The next big thing will be when Java supports object request broker (ORB) technology that manages interactions across multiple distributed systems and applications. While **Java applets** can get at such resources through uniform resource locator (URL) links on a **Web page** , this is an inefficient way to handle true distributed applications. For one thing, IS has...

... and update those URL links manually. ORB technology sitting on a Web server, supported by **Java applets** and clients, would take most of the gruntwork and bottlenecks out of intranet distributed computing. ORBs automatically track logical resources across the **network** , as well as relationships between applications and back-end resources. **Java applets** would **interact** with the ORB to know where they need to go and how to perform their...

... announced Java ORB Environment, or JOE, one of several offerings that promise to support Java **interaction** with Common Object Request Broker Architecture-compliant distributed computing services. Third-party vendors such as...

... some extent an overlay on existing platforms. Companies were already adopting TCP/IP as their **networking** standard before the Web came along. Corporate IS and end users are still dealing with...

... control, security, timing, management and predicting the behavior of Web-based applications that are very **dynamic** and changeable, Prudential's Vaughan said. Take the American Heart Association, which put up its first **Web site** only last November. Today, full transition from traditional client/server to an intranet-based application platform is "close to a sure thing," said David Stokes, senior **Internet** analyst at the Dallas-based association. While American Heart's IS department was in charge IS department also saw "huge bandwidth usage, which the **network** was not designed for," Brennan said. "Even 100M Ethernets - we'll blow right through them...

... such as Computer Associates International, Inc., IBM and Cabletron Systems, Inc. are aggressively extending their **network** and **networked** systems management platforms to handle intranet- and **Internet** -based systems. Most of the above products address the problem of managing multiple **Web sites** . Serious **Java applet** developers are likely to run into a whole new dimension of management challenges. "What's...

... the design issues that crop up when a firm moves beyond single use-and-discard **Java applets** , such as a single database query or calendaring, to a financial or inventory tracking application that involves multiple queries with some calculations in between. So is the **Internet** a client/server killer or just another platform? Depends on how adventurous you want to...
... and data sabotage are inside jobs. The good news is that industrywide agreement on an **Internet** security standard seems likely by year's end. Secondly, firewalls are little protection against careless or ignorant users indiscriminately downloading **Web pages** or **Java applets** without checking the source. Well-crafted, strictly enforced security policies are a must. Vendor support...

... the index, and a lot of it is space." Java interoperability. Don't assume that **Java applets** will automatically fit together like Legos into a full-scale business application, said J. Lawrence...

13/3,K/19 (Item 6 from file: 674)

020651
MAXM upgrades bolsters automated mgmt. facilities
Byline: Paul Desmond, Senior Editor
Journal: Network World Page Number: 4
Publication Date: January 20, 1992
Word Count: 635 Line Count: 46

Publication Year: **1992**
Text:
... important for large networks in which MAXM has to poll thousands of devices.
The automation **scripts** are built by users with the help of on-screen **fill** -in-the- **blank** **forms** . The **forms** are based on the Open Software Foundation, Inc.'s Motif graphical user interface (GUI) and...

13/3,K/20 (Item 1 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters

00753274
Carriers Face A Tough Crowd In 2001
Wireless Data News
January 3, 2001 VOL: 9 ISSUE: 1 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: PHILLIPS BUSINESS INFORMATION
LANGUAGE: ENGLISH WORD COUNT: 1567 RECORD TYPE: FULLTEXT

TEXT:
Building **Networks** , Buying Spectrum and Hatching Killer Apps Are On This Year's
Crucial 'To Do' List...

...a million things that have to come together, including the
handset, the middleware, how the **form** factor of the handset will relate to the
end user," says Larry Swasey, a wireless...

...on reeling in new users with good
applications.
While content providers are busily reformatting wired **Internet** content, handset-friendly languages such as wireless application protocol or compact **hypertext** **markup** **languages** , navigating a handset is a far more difficult, costly
and less graphical experience.
So convincing...are most interested in Web browsing, according to
Telephia's September 2000
Wireless Data~Trac **survey** of 3,500 consumers.
When it comes to data, consumers prefer personal **digital** assistants, such as Handspring [HAND] Visors or Palm [PALM] Pilots. Cell phones still are primarily...

...They
need to be careful about choosing which applications they're going to run."

Build **Networks** Or Risk Failure

Network build out is necessary to keep customers, just like spectrum is necessary for more sophisticated...

...actually ringing when someone calls it," Hold says.
Companies like Telephia today can monitor carriers' **networks** for quality, but coverage must be expanded to ensure future success.
"You have large carriers...

...a rapidly growing industry trying to attract
new consumers and improve the capacity of their **networks** - a lot of carriers are

trying to digest as they go through recent mergers - their main challenges are
acquiring customers, improving performance in **networks** ," Oyler says.
"The first challenge [for carriers] is to **fill** in the **gaps** so they can
really, truly offer nationwide service," says Ken Hyers, wireless analyst from
Cahners...

...data service, which means getting the spectrum where they need it
and start building out **networks** ."
In short, planning for third generation wireless **networks** is a necessary
evil for carriers. As more consumers take up wireless service, **networks** are
getting saturated with action, which means more build out is needed to keep up
with the demand for service.
"On the wireless side, the **networks** are essentially full," says James
Morehead, senior manager of wireless **Internet** market development for Portal, a
wireless billing and customer care company. "The voice **network** takes up the
capacity and the carriers know they can't give away data services without
hurting their **networks** ."
Carriers must incorporate 3G technology into their systems, but ...are as
used to paying for packets as they are to not
having great traditional **Internet** service that U.S. consumers take for granted,
but pitching packet data pricing plans to...

...to pricing models that bury the cost structure, it'll be the
quality of that **interactive** experience that makes it valuable, not the
kilobyte."

Dance Of The Seven Standards

As carriers...

...Andrew Seybold Group. "They have a challenge trying to establish CDMA
as a superior packet **network** . In 2001, they have to make a whole lot of
progress there."
But the United...

2001

13/3,K/21 (Item 2 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters

00722193
Rosettanet Backtracking For Broader Standard
Electronic Commerce News
April 17, 2000 VOL: 5 ISSUE: 16 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: PHILLIPS BUSINESS INFORMATION
LANGUAGE: ENGLISH WORD COUNT: 730 RECORD TYPE: FULLTEXT

TEXT:
...flexibility and the technology to achieve hybrid versions of PIPs quickly.
The RosettaNet Consortium was **formed** in 1998 to develop integration
standards and align supply chains for the **electronic** components industry. The
first 11 of more than 100 PIPs were released to pilot programs...

...released with an additional
two expected this week.
The PIPs are based on the extensible **markup** **language** and govern areas

such as the distribution of product information, managing purchase orders and
queries for product information and order status.

Filling In The **Gaps**

Freemont, Calif.-based SYNNEX Information Technologies, a distributor of high-tech merchandise, has additional PIP of **electronic** components professionals, she says.
Revised and modified PIPs are to be released in the third...

...manages large numbers of
transactions, and if the vendor will help the business migrate from **electronic**
data **interchange** technology, she says.
RosettaNet will release certification standards for vendors and will later this year...

2000

13/3,K/22 (Item 1 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text

04272491 H.W. WILSON RECORD NUMBER: BGSA00022491 (USE FORMAT 7 FOR FULLTEXT)
DNA replication fidelity.
Kunkel, Thomas A
Bebenek, Katarzyna
Annual Review of Biochemistry v. 69 (2000) p. 497-529
SPECIAL FEATURES: bibl il ISSN: 0066-4154
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 14253

(USE FORMAT 7 FOR FULLTEXT)

TEXT:
... b bound to nicked DNA, representing the product of gap filling. The comparisons reveal that **formation** of a closed complex requires both dNTP binding and the presence of a complementary template...

...Table 2, Figure 5, and Figure 6; also see four pol b movies on the **Internet** at http://chem-faculty.ucsd.edu/kraut/bpol. **html**). For example, the Arg283 side chain in helix N moves to **interact** with and stabilize the template nucleotide in a position to H-bond with the incoming...

...M (Figure 1A), a phenylalanine (Phe272) in helix M rotates such that it disrupts an **interaction** between the side chains of two other amino acids, Arg258 and Asp192. This disruption allows...

...pocket and assemble an active site that is poised for catalysis. It remains an open **question** which conformational change(s) is rate limiting for misinsertion (for additional discussion, see 29-31...
2000

13/3,K/23 (Item 1 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext

03746178 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Talking about Multimedia: a layered design framework
Taylor, Josie; Sumner, Tamara; Law, Andrew
Journal of Educational Media (JEDM), v23 n2/3, p215-241, p.27
Oct 1997
ISSN: 1358-1651 JOURNAL CODE: JEDM
DOCUMENT TYPE: Feature

LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 10954

1997

TEXT:
... syntax, semantics, strategies and educational aims) describe how me' can be used to provide different **forms** of educational support. In practice,' we shall see in our examples later on, not all...

...need to say a few words about each level.' ' Level 1: educational aims' ' The first **question** to ask when analysing educational systems is "what is be' learned?" Broadly speaking, educational aims...
...personal learning goals, institutional or professional curriculum' requirements, and socially accepted practices in a particular **field** (Brown ' al., 1989; Lave, 1991; Sachs, 1995). For our purposes, we define educationa' systems (as...by' these activities, and (3) efforts to relate the activities to other learnin' materials or **fields** of study. Let's consider each of these parts in turn.' ' (Table Omitted)' ' Captioned as...

...must do in order to understand ' at least as important as the design of the **instructional** materials; i.e., h' the materials are organised, explained, and presented (Kintsch et al., 1995...

...system. Are learners watching nature videos, listening to musical' selections, comparing two law cases, taking **field** notes, analysing specimen' or solving mathematical problems? Specifically, we need to focus on verbs t...

...of' solving mathematical problems. Many computer-aided learning systems are roo' in behaviourism and contain **instructional** models based on knowledge' transmission and drill-andpractice repetition (Bork, 1980). That is, studen' are...

...the langua' enables students to actively explore and directly experience their' mathematical ideas by constructing **interactive** programs in areas that are' personally meaningful and interesting to them (Papert, 1980, 1993).' ' Finally...

...s enculturation and' participation in the joint efforts of social groups. An example in a **field** ' related to mathematics is the use of the PuckLand system by small groups of' students studying beginning physics (Whitelock et al., 1995).' ' The purpose behind this brief **survey** is not to provide a comprehensive' explanation of theoretical models of **instruction** . Rather, our intention is ' remind readers that all educational systems are rooted in a particular...in a system, efforts to relate the mater' being studied to other learning materials or **fields** of study should be' characterised. At a practical level, if systems refer to other materials...

...then students need access to these or substitute' materials. If systems systematically refer to related **fields** that students ' have no knowledge of, then supporting materials providing this information ' be needed.' ' At a theoretical level, it is important to make connections across differen' domains and **fields** of study. First, such interdisciplinary connections help' learners to see the broader context and importance...
...these discipline-spanning connections is the goal of the new' Saturday morning Open University television **format** where educational' programmes from different faculties are shown together and woven into a com' theme...

...is to introdu' students to some of the observation and note-taking skills required in' **fieldwork** , relating this activity to that engaged in by Darwin in his' exploration of Galapagos. The...

...videos of expert commentary on important sub-topics,' ' enter data into a spreadsheet representing their ' **field** ' notes,' ' compute simple statistics from their data using the spreadsheet,' ' closely examine pictures of finches...

...between behaviourism and' constructivism-students are using skills in a simulated environment that' resembles a **field** trip, and they must draw together their findings to reach' conclusions about various issues presented...

...syntax and semantics typically refer to language, and an importan' part of language is the **interplay** between meaning (semantics) and **form** ' (syntax). Similarly, we use these terms to emphasise that the process of' understanding what to do, and how to do it, is not a one-way event. There i' continuous **interaction** between the system and the learner; learners try to' articulate a task structure reflecting their...semantics.' ' The task semantics learners need to know reflect important properties of th' domain or **field** being studied. These properties can include critical' perceptual and conceptual skills for recognising **formal** arrangements' (Durbridge & Stratford, 1996), procedural skills for decomposing tasks and' taking actions (Shanck & Jona, 1991...

...previous cases to compare with' (Kolodner, 1993; Nakakoji & Fischer, 1990), socially-accepted practices in ' particular **field** (Brown et al., 1989; Lave, 1991) and important declarative' knowledge. Understanding the knowledge and skills learners need in a given' situation requires knowledge of the domain or **field** being studied, experien' in **instructional** design, and some understanding of the principles of cognit' and learning. A full treatment of...

...traditional educational media such as textbooks, a common method fo' promoting reflection is self assessment **questions** (SAQs). Typically, SAQs a' located throughout the text at key locations to get students to stop and' reflect on what they have just read. Designing effective self assessment' **questions** is a challenging task and helpful discussions on how to proceed c' be found in...
...SAQ approach. Some extend this approach ' checking students responses for correctness and reminding students about' **questions** they have not yet answered.' ' Other systems have tried more novel approaches that take better...

...categories. The aim of presenti' the analyses back to students is to get them to **question** and rethink their' original categories.' ' As the examples above illustrate, there are many different ways...

...a new perspective or in light of new' information?' ' Structuring devices' ' A large part of **instructional** design has traditionally involved careful' consideration of how information should be broken up, organised, and...

...designers was taking comple' structured and interrelated information and rendering it into a meaningful,' serial **form** .' ' With the advent of hypermedia, we are no longer confined to creating' educational materials for...

...presentation. Indeed, multimedia systems c' now reflect the structures and interconnections important to a particular' **field** or domain (Fischer, 1994a). Such 'hypermedia' systems can support' learners to follow links to related...available to be explored. Task decompositio' are basically 'to do' lists and come in many **forms** , such as checklists (Lem' & Fischer, 1990) and agendas (Sumner & Taylor, 1998; Wroblewski et al., 199' The Galapagos system also employs a **form** of task decomposition in its help' system (see Fig. 6).' ' Some systems, such as general...

...in the system' (which is often the case), supporting materials may need to be constructed ' **fill** this **gap** .' ' Motivation' ' As Soloway points out, one difference between educational systems and' professional productivity software is...

...found on each one along with details of habitat and feeding' habits. Students are posed **questions** about how the finches could have arriv' in Galapagos which can only be answered by...

...of the origins of the finch species. Specifically,' students must write

an essay answering the **question** : did one species of fin' arrive on the islands (does evolution alone account for the...

...and' Galapagos are both unique island communities and how each are prototypical' examples of particular **forms** of island ecosystems. Selecting Galapagos bein' the following sequence of activities:' ' Episode 1. Looking. The...Looking. Having completed this exercise, students then sit back ' look at video footage about the **formation** of the islands showing spectacula' volcanic sequences, graphics of submerged volcanic processes, how the islan...

...would have looked like prior to bein' colonised by plant and animal life.' ' Doing. The **question** is posed first by the spoken commentary: how did the' finches get there? Students are...

...short essay on finches, and a' world map. Successive screens then pose a series of **questions** which student' answer by selecting from multiple choice response boxes.' ' Episode 3. Looking. Encouragingly, the...

...now takes over again ' talks about how Darwin made mistakes when he was a young **field** biologist.' Further stunning photo-images of birds are shown as a prelude to the task...

...the person who actually recognised the birds as' finches. From the tiny shrivelled scraps of **field** specimens Darwin brought' back to England, Gould produced impressive lifelike paintings which we are' shown...

...the earlier ones didn't aided by a' video clip talking about the importance of **field** work, and an essay on' Religion and Evolution. The next section asks students to use...

...a selection of multiple choice boxes. The' system discourages users from advancing without answering the **questions** . A ' SAQs asking more difficult and reflective **questions** are posed in advance of' the material. The classification task (see Fig. 5) also attempts...

...the activities are highly' structured. Keeping a strong narrative line and presenting very clear task' **instructions** enables the target learners to stay on track, to not get lost ' the system, and...

...to explore (see Fig. ' If the learner gets stuck on how to proceed, detailed task **instructions** (se' Fig. 6) are available by pressing help.' ' What motivational techniques does the system employ...

...are given encouragement through periodic reminders of Darwi' many mistakes in his early attempts at **fieldwork** .' ' Level 4: task syntax' ' The task syntax level is the one at which the user...

...are available, and provides mechanism' for searching, browsing, collating, inspecting, annotating, or watching the' multiple **forms** of media. In so doing, the provided affordances encourage us' to behave in certain ...i.' finding and moving through resources via searching, browsing, or linking. F' example, in an **on - line** encyclopaedia the typical task is locating specific' information in a large information space. Thus, an encyclopaedic **format** ' encourages and supports rich **forms** of searching and perhaps limited **forms** o' browsing to help find related information. Other interface mechanisms are m' task or domain...

...g. too' to enable them to proceed, go back, interrupt, re-start, make notes, insert' **electronic** bookmarks, or tags, and so on). In this case, the resulting' interface will need to...

...independ' learning are there. However, a novice user might find such a system's lack ' **interactive** engagement puzzling, difficult to overcome and ultimately' daunting.' ' (Chart Omitted)' ' Captioned as:' FIG. 6.' ' Let...

...target user population's needs and expectatio' ' Level 5: resource organisation' ' All computational systems have **formal** structure at the

machine level-data o' information in computers is stored in machine code... and connected? Can users even generate a coherent representation of the' system?' ' As the last **question** indicates, we want to take a user-centred perspective ' organisation rather than a developer-centred...

...is usually different from how the system is actuall' implemented. When trying to answer the **questions** posed above, think about w' an experienced user would draw rather than what one of...

...applications. Some environments, such as DirectorTM, ToolbookTM and' mTropolisTM, are better suited for more presentational **forms** of multimedia.' Other more general purpose programming languages, such as C++ or Visual' BasicTM, may...

...productivity tool-oriented' applications. Also, if users are interacting with a shared service over a' **network** , then **networking** languages such as JavaTM may be a better choice. A' with any over-generalisation, there...

...created using DirectorTM. A streamlined version of ' Microscope was then created for use over the **Internet** by taking advantage o' the ShockwaveTM plug-in that enables Director applications to run in most' standard **Internet** browswers.' ' (Chart Omitted)' ' Captioned as:' FIG. 7.' ' Other factors also influence the choice of programming and' **hypertext** files and so on, the languages we see are governed by the' constraints of hardware... ...compatibility, accessibility, performanc' and space occupied in memory are concepts which are machine related, have' **formal** properties and are (to all intents and purposes) non-negotiable. Whe' analysing existing systems, the key **question** to ask is will the system run' adequately on the typical user's hardware platform...

...created using DirectorTM. Several aspects of Direct' made it promising for this project. First, its **scripting** model makes it' well-suited for realising the Pilot's strong, linear narrative flow. Second...

...system on their hard disk. For the same reason, altern' delivery platforms such as the **Internet** would not be practical because of t' sheer volume of media resources that would have...

...not actually be present within t' multimedia system. True multimediarity often breaks out of the **electronic** ' domain to encompass ancillary **forms** of learning materials, be they spoken,' written, audio, or video. Some systems are intended to...

...designing systems, the design team needs to' understand how all the levels work together or **interact** for a given project' As discussed earlier, there are mutual interdependencies between the levels' with... ...our layered analysis offers us. This 'epilogue' analys' of the Pilot will help demonstrate the **interaction** between layers in terms ' design issues and resulting usability.' ' Case: the Galapagos Pilot-Epilogue' ' In ...

...credit the package's strong narrative line for the overall positi' response. This very strong **form** of task semantic support appears to be' well-suited for the needs of this target...is to give students a feel for the' observation and note-taking skills involved in **fieldwork** . However, as our v' analysis from level 2 indicates, the task being done is one...

...window. It is not surprising that students foun' this tedious and seemingly unrelated to meaningful **fieldwork** activities.' Clearly, this task should be redesigned to better reflect the educational' aims.' ' Another, related...

...reminds us that any learn' situation has components which need to be present in some **form** or other for' the desired educational experience to occur. If the learning is to be...epiphenomenon, in: D. K. DETTERMAN & R. J. STERNBERG (Eds) Transfer on Tria' Intelligence, Cognition, and **Instruction** (Norwood, New Jersey, Ablex), pp.' 1-24.' ' DURBRIDGE, N. H. & STRATFO, M. P. (1996) Varying the texture: a study of ar' learning and material. Journal of **Interactive** Media in Education, 96(1),' http:// **www**

-jime.open.ac.uk/jime/Oll jime-Ol. **html** .' ' Reference:' ' FIscHER, G. (1994a) Domain-oriented design environments, in: Automated' Software Engineering (Boston, MA, Kluwer...

...pp. 221-232 (1995).' ' HARE, I. & PAPERT, S. (1990) Software design as a learning environment.' **Interactive** Learning Environments, 1, pp. 1-32.' ' KINTSCH, E., FRANZKE, M., HALEY, P. & KINTSCH, W. (1995...

...L., TAYLOR, J. & STRATFOLD, M. (1996-1998) MENO project' (Multimedia, Education and Narrative Organisation),' http:// **www** -iet.open.ac.uk/iet/MENO/ meno-home. **html** .' ' Reference:' ' I.AvE, J. (1991) Situated learning in communities of practice, in: L. RESNI' J...

...Washington, DC, American Psychological Association), pp. 63-82.' ' LEMKE, A. C. & FISCHER, G. (1990) A **cooperative** problem solving system for' user interface design. Proceedings of AAAI-90, Eighth National Conference o' Artificial Intelligence, pp. 479-484. LOCKWOOD, F. (1992) Activities in' Self- **Instructional** Texts (London, Kogan Page). MALONE, T. W. (1981) What ma' computer games fun? Byte, pp...

...pp. 264-271. NORMAN, D' (1986) User Centered System Design, New Perspectives on Human-Computer' **Interaction** (Hillsdale, NJ, Lawrence Erlbaum Associates).' ' NoRMAN, D. A. (1988) The Psychology of Everyday Things (New...

...The Children's Machine (New York, Basic Books). REPENNING, A. (1994)' Programming Substrates to Create **Interactive** Learning Environments. Journal' **Interactive** Learning Environments, 4 (Special Issue on End-User Environment' pp. 45-74.' ' Reference:' ' RESNICK, L. B. (1989) Introduction, in: L. B. RESNICK (Ed.) Knowing, Learni' and **Instruction** : Essays in honor of Robert Glaser (Hillsdale, New Jersey,' Lawrence Erlbaum), pp. 1-24. RiEL, M. (1992) Functional analysis of' educational telecomputing: a case study of learning circles. **Interactive** ' Learning Environments, 2, pp. 15-29.' ' SACHS, P. (1995) Transforming work: collaboration, learning, and design...

...1995) Share globally, adapt locally:' software assistance to locate and tailor curriculum posted to the **internet** .' Computers in Education, 24, pp. 237-246. SUMNER, T. & STOLZE, M. (1996)' Integrating working and...

13/3,K/24 (Item 2 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext

03459026 (USE FORMAT 7 OR 9 FOR FULLTEXT)
MIDI tech support and CodeWarrior for Win32
Stevens, Al
Dr. Dobb's Journal (IDRD), v22 n11, p105-109, p.5
Nov 1997
ISSN: 1044-789X JOURNAL CODE: IDRD
DOCUMENT TYPE: Commentary
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2585

1997

TEXT:
... has no way to import dialogs. from other applications when the dialogs are in text **script** **format** . Metrowerks says that they are furiously working on tools to **fill** that **void** .
CW for Win32 is a descendent of Metrowerks' Macintosh edition. Their previous version elicited howls...

13/3,K/25 (Item 3 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext

03402026 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Industrial-strength database publishing: Inmagic DB/TextWorks WebPublisher
Perez, Ernest
Library Software Review (LSR), v16 n3, p124-136, p.13
Sep 1997
ISSN: 0742-5759 JOURNAL CODE: LSR
DOCUMENT TYPE: Product Review-Favorable
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 5318

1997

TEXT:
... HTML screen, but it's reall just a starting page template.
You need to be **HTML** literate to the point of working with and developing **Forms** " **fill** -in-the- **blank** " layout . Your aim is to develop attractive and effective screens fo transmitting Web queries over...

13/3,K/26 (Item 4 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext
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02322179 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Home page, sweet home page: Creating a Web presence
Falcigno, Kathleen; Green, Tim
Database (DTB), v18 n2, p20-28, p.7
Apr 1995
ISSN: 0162-4105 JOURNAL CODE: DTB
DOCUMENT TYPE: Feature
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3721 LENGTH: Long (31+ col inches)

1995

TEXT:
... s products and projects </A> is available.
Advanced features including the creation of fill-in **forms** are available, but not supported by all Web browsers. The **HTML** tag, < **FORM** > is used to create **fill** -in-the- **blank** **forms** that can be completed on the screen in real-time. The form entries are stored...

13/3,K/27 (Item 5 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext
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02211833 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Do-it-yourself multimedia
Shields, Joan
Technology & Learning (GCCL), v15 n4, p26-32, p.1
Jan 1995
ISSN: 1053-6728 JOURNAL CODE: GCCL
DOCUMENT TYPE: Feature
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2786 LENGTH: Long (31+ col inches)

1995

TEXT:
... top of HyperCard. Prompts, dialogue boxes, menus, and palettes let users create multimedia presentations without **scripting** . Special tools include integrated sound utilities; quiz templates for multiple choice, true/false, and **fill** -in-the **blank** - **formats** ; collections of sounds and images; and a **hypertext** manual (as well as a hard-copy version).
* Educational Activities, Inc. (Baldwin, NY; (800) 645...

13/3,K/28 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire

0995689 LAM079
Microplex Systems Adds Color Support to its Internet Frame Server Color Digital Cameras Can Simply Attach to Ethernet Networks

DATE: September 16, 1996 18:45 EDT WORD COUNT: 463

...can be installed anywhere through a network jack. The NetworkEye is configured using a simple " **fill** -in-the- **blank** " **HTML form** . The Web page
used to display the images can be customized to include other pertinent...

13/3,K/29 (Item 2 from file: 813)
DIALOG(R)File 813:PR Newswire

0966169 LAW058
MICROPLEX INTRODUCES THE FIRST SERVER DEDICATED TO DIGITAL CAMERAS

DATE: June 26, 1996 20:48 EDT WORD COUNT: 382

...can be installed anywhere through a
network jack. The device is configured using a simple
" **fill** -in-the- **blank** " **HTML form** . The web page used to display the images can be customized to include other pertinent...

13/3,K/30 (Item 1 from file: 553)
DIALOG(R)File 553:Wilson Bus. Abs. FullText

03072065 H.W. WILSON RECORD NUMBER: BWBA95072065 (USE FORMAT 7 FOR FULLTEXT)
If you believe in the Internet.
AUGMENTED TITLE: effect of Internet on enterprise networks
Passmore, David
Business Communications Review (Bus Commun Rev) v. 25 (Sept. 1995) p. 20+
LANGUAGE: English
WORD COUNT: 1658

(USE FORMAT 7 FOR FULLTEXT)

TEXT:
... s venerable terminal, browsers can display text at specified locations on a screen, and support " **fill** in the **blank** " **forms** capabilities.
While **HTML** is far more powerful than 3270 datastream commands in its ability to support bitmap displays...
1995
?

```
Set     Items   Description
S1    5616888   ONLINE OR ON()LINE OR ELECTRONIC? OR DIGITAL? OR WWW OR IN-
             TERNET? OR WORLD?()WIDE()WEB OR WEBSITE? OR HOMEPAGE? OR WEB(-
             )(SITE? OR PAGE?) OR WEBPAGE? OR BBS OR HOME()PAGE? OR W3 OR -
             NETWORK? OR WAN OR BULLETIN()BOARD()SYSTEM?
S2    5354975   INTERACTIV? OR INTERACT OR INTERACTION OR INTERWORK? OR IN-
             TERPLAY? OR MORTIS? OR CO()OPERAT? OR COOPERAT? OR BACK(1N)FO-
             RTH OR DYNAMIC? OR INTERCHANG? OR RECURSI?
S3     104585   APPLET? OR HTML OR HYPERTEXT OR MARK()UP()LANGUAG? OR MARK-
             UP()LANGUAG? OR HDML OR SGML OR VRML OR XML OR SCRIPT? OR JAV-
             A()(APPLET? OR SCRIPT?) OR ACTIVEX?
S4      36712   FILL?(3N)(BLANK OR SPACE? OR VOID? OR GAP? ? OR  OPENING?)
S5   15349008   QUESTION? OR SURVEY? OR PROFILE? ? OR FORM? OR RECORD? OR -
             FIELD? OR TEXT(N)BOX OR INSTRUCTION?
S6          0   AU=SIRHALL T? OR SIRHALL, T?
S7         10   S1 AND S2 AND S3 AND S4 AND S5
S8         86   S4 AND S3 AND S5
S9         10   S4(10N)S3(10N)S5
S10        20   S9 OR S7
S11        20   S10 AND PY<=2001
S12        15   RD (unique items)
? show files
File 238:Abs. in New Tech & Eng. 1981-2002/Jun
         (c) 2002 Reed-Elsevier (UK) Ltd.
File 108:Aerospace Database 1962-2002/Jun
         (c) 2002 AIAA
File   8:Ei Compendex(R) 1970-2002/Jun W4
         (c) 2002 Engineering Info. Inc.
File  77:Conference Papers Index 1973-2002/May
         (c) 2002 Cambridge Sci Abs
File  35:Dissertation Abs Online 1861-2002/May
         (c) 2002 ProQuest Info&Learning
File 202:Information Science Abs. 1966-2002/May 23
         (c) Information Today, Inc
File  65:Inside Conferences 1993-2002/Jun W4
         (c) 2002 BLDSC all rts. reserv.
File   2:INSPEC 1969-2002/Jun W4
         (c) 2002 Institution of Electrical Engineers
File 233:Internet & Personal Comp. Abs. 1981-2002/Jun
         (c) 2002 Info. Today Inc.
File  94:JICST-EPlus 1985-2002/May W1
         (c)2002 Japan Science and Tech Corp(JST)
File 111:TGG Natl.Newspaper Index(SM) 1979-2002/Jun 20
         (c) 2002 The Gale Group
File 603:Newspaper Abstracts 1984-1988
         (c)2001 ProQuest Info&Learning
File 483:Newspaper Abs Daily 1986-2002/Jun 21
         (c) 2002 ProQuest Info&Learning
File   6:NTIS 1964-2002/Jul W1
         (c) 2002 NTIS, Intl Cpyrght All Rights Res
File 144:Pascal 1973-2002/Jun W4
         (c) 2002 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
File  34:SciSearch(R) Cited Ref Sci 1990-2002/Jun W4
         (c) 2002 Inst for Sci Info
File  62:SPIN(R) 1975-2002/Jun W1
         (c) 2002 American Institute of Physics
File  99:Wilson Appl. Sci & Tech Abs 1983-2002/May
         (c) 2002 The HW Wilson Co.
File 256:SoftBase:Reviews,Companies&Prods. 82-2002/May
         (c)2002 Info.Sources Inc
?
```

12/3,K/1 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

05164945 E.I. No: EIP98114478460
Title: Distributed dynamic **systems**
Author: Veitch, James; Laddaga, Robert
Corporate Source: Franz, Inc, Berkeley, CA, USA
Source: Communications of the ACM v 41 n 5 May 1998. p 34-36
Publication Year: 1998
CODEN: CACMA2 ISSN: 0001-0782
Language: English

Title: Distributed dynamic **systems**
Abstract: Distributed **dynamic** systems are increasingly **filling** the **gap** between information sources and browser queries. These systems comprise knowledge in the **form** of objects and methods in object frameworks that constrain the domain knowledge needed to answer...
Descriptors: Distributed computer systems; **World Wide Web** ; Web browsers; Client server computer systems; Database systems; Data storage equipment; Data structures; **HTML** ; Computer software; **Internet**
Identifiers: Distributed **dynamic** systems; Client server architecture; Viaweb architecture

12/3,K/2 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

01743487 ORDER NO: AADAA-I9975289
The relationship between cognitive scripts and auditing expertise: A field experiment
Author: Gadd, Harry Robert
Degree: Ph.D.
Year: **2000**
Corporate Source/Institution: The University of Texas at Arlington (2502)
Source: VOLUME 61/05-A OF DISSERTATION ABSTRACTS INTERNATIONAL. PAGE 1931. 259 PAGES
ISBN: 0-599-80880-2

Year: **2000**

...the event in a less time by focusing attention on the items atypical to the **script** and using the **script** to **fill** in the **gaps** in processing. In subsequent recall, the expert will recall more atypical than typical items. When resorting to **gap - filling** when attempting to recall items, the expert will “recall,” or gap-fill, more typical than atypical items.
A **field** experiment was conducted in which fifty individuals were given a case requiring them to plan...

12/3,K/3 (Item 2 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

734560 ORDER NO: AAD81-02473
A MULTIDIMENSIONAL MODEL FOR COGNITIVE STYLE DETERMINATION
Author: GRIFFIN, KENNETH FRANK
Degree: ED.D.
Year: **1979**
Corporate Source/Institution: BALL STATE UNIVERSITY (0013)
Source: VOLUME 41/07-A OF DISSERTATION ABSTRACTS INTERNATIONAL. PAGE 3034. 194 PAGES

Year: **1979**

...of cognitive style and personality type that can be utilized in the

analysis of an **electronic** response, audio-tutorial system. (3) To analyze a general studies, non-major biology program that uses an **electronic** response, audio-tutorial method of **instruction** . The analysis will relate the **instructional** tasks to the components of the developed model.
Procedure. The first phase of the study...

...cognitive styles and sixteen personality types and relating the model to the analysis of the **electronic** response, audio-tutorial system.
Next the **electronic** response component was analyzed. The total average number of slides, average number of **question** slides, and average time of the programs were identified.
The **scripts** for the narrative of the audio tapes were examined along with the learning guide, and the **instructional** activities and tasks were identified. The activities and tasks were then described in terms of ...

...intellectual requirements of the tasks were then related to the perceptual and intellectual abilities of **Field** -Independent, Impulsive-Reflective, Leveling-Sharpening cognitive styles and Myers-Briggs personality types. The demonstrations and **question** types were also analyzed and described using the same procedures.
Findings and Conclusions. The conversational...

...logical sequential organizations, and verbal reinforcement of the audio tapes appealed to the students with **Field** -Dependent, Impulsive, Leveling cognitive styles. Lacking a "human" orientation of **interaction** and external reinforcement, the audio tapes favored the **Field** -Independent, Reflective, and Sharpening individuals.
Four general types of **questions** were identified in the nine units. The types of **questions** were programmed true-false, objective multiple choice and matching, and subjective **fill** -in-the- **blank** . While the types of **questions** were more equally balanced in numbers in the units of birth, birth control, and genetic counseling, three of the units--population, life and energy, and water pollution--used only **fill** -in-the- **blank** type of **questions** .
In general, the self- **instruction** mode, including the learning guide **questions** related more to the **Field** -Independent, Sharpener, Reflective person who can better organize, recall facts and concepts, and has greater internal processing abilities. In addition, Introverted, Sensing, Thinking, Judging types would benefit from the self **instruction** .
The slides that were orchestrated with the audio tape in the **Electronic** Response System were found to appeal more to the **Field** -Dependent, Impulsive, Leveler cognitive style, although the program was interrupted by **question** slides requiring a switch in cognitive style mode.
Recommendations. (1) Greater indepth studies of the...

...among the components of the model proposed by this study. (2) A wide variety of **instructional** tasks in curricula should be employed to attend to the variety of cognitive styles and...

12/3,K/4 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

6723033 INSPEC Abstract Number: C2000-11-7320-064
Title: Display of 3D chemical structure on the Internet
Author(s): He Min; Zhou Jia-Ju
Author Affiliation: Inst. of Chem. Metall., Acad. Sinica, Beijing, China
Journal: Journal of Applied Sciences vol.18, no.2 p.95-100
Publisher: Editorial Committee of J. Applied Sciences,
Publication Date: June 2000 Country of Publication: Japan
CODEN: YKXUD4 ISSN: 0255-8297
SICI: 0255-8297(200006)18:2L.95:DCSI;1-6
Material Identity Number: B487-2000-004
Language: Chinese
Subfile: C

...Abstract: our Chinese drug database retrieval system (CDDBRS). VRMLMaker can convert a molecular MOL2 or ML2 **format** file to **VRML format** files in four different styles: wire-frame, capped sticks, ball-and-stick, and a CPK **space - filling** model. VRMLMaker is developed based upon molecular model and virtual reality modeling language (**VRML**) techniques. The working procedures of VRMLMaker are described. The utility of VRMLMaker is illustrated by...
2000

12/3,K/5 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2002 Institution of Electrical Engineers. All rts. reserv.

6562713 INSPEC Abstract Number: C2000-05-7810C-160
Title: ...more together: Web-based K-12 learning environment from MIKSIKE
Author(s): Pilv, M.
Author Affiliation: MIKSIKE, Tartu, Estonia
Journal: Educational Technology & Society vol.1, no.1
Publication URL: http://ifets.ieee.org/periodical/
Publisher: Int. Forum of Educ. Technol. & Society,
Publication Date: Oct. 1998 Country of Publication: Germany
ISSN: 1436-4522
Material Identity Number: I863-2000-001
Language: English
Subfile: C
Copyright 2000, IEE

...Abstract: company that developed the MIKSIKE Learning Environment, to the eTemplates concept. eTemplates are worksheets in **HTML format** . eTemplates contain text, illustrations, **blank spaces** to **fill** in and, if they are printed, they look like a good old-fashioned worksheets. If...
1998

12/3,K/6 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2002 Institution of Electrical Engineers. All rts. reserv.

6535212 INSPEC Abstract Number: C2000-04-6130D-014
Title: XML **:** filling **a data-description** gap **. II**
Author(s): Carter, B.
Author Affiliation: Wisconsin Univ., Madison, WI, USA
Journal: Journal of Database Management vol.11, no.2 p.30-3
Publisher: Idea Group Publishing,
Publication Date: April-June 2000 Country of Publication: USA
CODEN: JDAMEQ ISSN: 1063-8016
SICI: 1063-8016(200004/06)11:2L.30:FDD;1-I
Material Identity Number: P943-2000-001
Language: English
Subfile: C
Copyright 2000, IEE

Title: XML **:** filling **a data-description** gap **. II**
...Abstract: XML to store flexible documents that are not dependent upon any specific hardware, software, or **format** . XML can also be used in dynamic **World Wide Web** (Web) applications to enable data integration, local manipulation, granular updates, and scalability. In addition, systems involved in **electronic** business will come to realize huge benefits from **XML** as it helps provide a standard means of identifying the business concepts represented in **interchanged** data and helps apply business-specific rules to these **interchanges** .
...Descriptors: **electronic** data **interchange** ; ...

...hypermedia **markup languages** ;
Identifiers: **XML** ; ...

... **dynamic World Wide Web** ; ...

... **electronic** business...

... **interchanged** data
2000

12/3,K/7 (Item 4 from file: 2)
DIALOG(R)File 2:INSPEC

6328936 INSPEC Abstract Number: C1999-10-7140-001
Title: Medical record management systems: criticisms and new perspectives
Author(s): Frenot, S.; Laforest, F.
Author Affiliation: Lab. d'Ingenierie des Syst., Inst. Nat. des Sci. Appliquees, Villeurbanne, France
Journal: Methods of Information in Medicine vol.38, no.2 p.89-95
Publisher: F.K. Schattauer Verlagsgesellschaft,
Publication Date: June 1999 Country of Publication: Germany
CODEN: MIMCAI ISSN: 0026-1270
SICI: 0026-1270(199906)38:2L.89:MRMS;1-V
Material Identity Number: M135-1999-002
U.S. Copyright Clearance Center Code: 0026-1270/99/$3.00
Language: English
Subfile: C

...Abstract: use of templates and icon user interfaces has introduced a deviation from the paper-based **record** (still existing). The arrival of **hypertext** user interfaces has proven to be of interest to **fill** the **gap** between the paper-based medical **record** and its electronic version. We think that further improvement can be accomplished by using a...
1999

12/3,K/8 (Item 5 from file: 2)
DIALOG(R)File 2:INSPEC

5306154 INSPEC Abstract Number: C9608-6160S-005
Title: Borealis image server
Author(s): Meyer, E.A.; Murray, P.E.
Author Affiliation: Case Western Reserve Univ., Cleveland, OH, USA
Journal: Computer Networks and ISDN Systems Conference Title: Comput. Netw. ISDN Syst. (Netherlands) vol.28, no.7-11 p.1123-37
Publisher: Elsevier,
Publication Date: May 1996 Country of Publication: Netherlands
CODEN: CNISE9 ISSN: 0169-7552
SICI: 0169-7552(199605)28:7/11L.1123:BIS;1-K
Material Identity Number: I876-96005
U.S. Copyright Clearance Center Code: 0169-7552/96/$15.00
Conference Title: Fifth International World Wide Web Conference
Conference Date: 6-10 May 1996 Conference Location: Paris, France
Language: English
Subfile: C

...Abstract: system itself is composed of widely available resources and could be easily reproduced at other **World** Wide **Web sites** at very little expense. A Borealis server can be queried from any **Web page** or browser and delivers an image which has been watermarked. This watermarking is intended to...

...including the image in its full size, a reduced version of an image, and a **dynamically** generated **HTML** information page. Images may also be returned in a variety of graphic **formats** . Future enhancements should include **Web page** -based administration tools, support for authenticated users to view non-watermarked images, and more advanced file management. Through these and other enhancements, the Borealis Project should **fill** a

critical **gap** in the effort to make images available on the Web.
...Descriptors: **Internet** ;
...Identifiers: **World** Wide **Web** **sites** ; ...

... **Web** **page** -based administration tools...

... **dynamically** generated **HTML** information page...

...graphic **formats** ;
1996

12/3,K/9 (Item 6 from file: 2)
DIALOG(R)File 2:INSPEC

4577063 INSPEC Abstract Number: C9402-7810C-088
Title: Images in rheumatology: a multimedia program for medical education
Author(s): Nashel, D.J.; Martin, J.J.
Author Affiliation: Med. Service Veterans Affairs Med. Center, Washington, DC, USA
Conference Title: Sixteenth Annual Symposium on Computer Applications in Medical Care p.798-9
Editor(s): Frisse, M.E.
Publisher: McGraw-Hill, New York, NY, USA
Publication Date: 1993 Country of Publication: USA xxvii+859 pp.
ISBN: 0 07 055023 9
U.S. Copyright Clearance Center Code: 0195-4210/93/$5.00
Conference Sponsor: American Medical Inf. Assoc.
Conference Date: 8-11 Nov. 1992 Conference Location: Baltimore, MD, USA
Language: English
Subfile: C

...Abstract: base of disease-associated images is crucial for the physicians during the diagnostic process. To **fill** this **gap** in clinical **instruction** in the rheumatic diseases, 'Images in rheumatology' was developed. By using a **hypertext** **format** , one may select representative color images of a clinical disease or view X-ray changes...
1993

12/3,K/10 (Item 7 from file: 2)
DIALOG(R)File 2:INSPEC

03647912 INSPEC Abstract Number: C90042147
Title: Intelligent user interfaces for advanced workstations
Author(s): Naffah, N.; Texier, M.; Jureidini, G.
Author Affiliation: Direction des Etudes Avancees, BULL MTS, Massy, France
Conference Title: Information Processing 89. Proceedings of the IFIP 11th World Computer Congress p.1021-4
Editor(s): Ritter, G.X.
Publisher: North-Holland, Amsterdam, Netherlands
Publication Date: 1989 Country of Publication: Netherlands xxviii+1193 pp.
ISBN: 0 444 88015 1
Conference Sponsor: IFIP
Conference Date: 28 Aug.-1 Sept. 1989 Conference Location: San Francisco, CA, USA
Language: English
Subfile: C

...Abstract: with adaptability as a major target. Until now, MMI architectures are static. They cannot be **dynamically** generated by the end-user, or the application developer. On the other hand, current state... ... oriented interfaces which enhance the programming environment, but they lack high level tools, such as **dynamic** trees with typed nodes and links

and intelligent generalized **forms** management, which are necessary for developing new types of office applications (**hypertext** , knowledge-based applications, computer-aided learning tools, . . .). The authors present the results of the work...

... a working prototype well adapted to activity management applications where the user is able to **dynamically** create new tasks from the **interaction** tools provided in the prototype. Derived from the experience gained and from the interesting concepts...

...systems (such as MVC of Smalltalk), they present a new model of MMI that should **fill** the **gaps** of most current systems including their first prototype. Compared to MVC which also provides a...

... has the advantage of being based on a standard graphic server (X), of having a **network** oriented and clearly layered architecture, and of being written in Lisp which is a more...
...Identifiers: **interaction** tools
1989

12/3,K/11 (Item 8 from file: 2)
DIALOG(R)File 2:INSPEC

02827379 INSPEC Abstract Number: D87000920
Title: Scripted email refines sales communications
Journal: Telecommunication Products Plus Technology vol.4, no.10 p. 80-2
Publication Date: Oct. 1986 Country of Publication: USA
CODEN: TPPTEA ISSN: 0746-6072
Language: English
Subfile: D

...Abstract: the messages sent by the salespeople that was previously lacking. Now they respond to a ' **fill** -in-the- **blank** ' **script** and send the **form** when all **questions** are answered fully and correctly. The company's email **scripts** have been so successful that they plan other scripted applications.
1986

12/3,K/12 (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00516525 98IW12-006
Yesler Alive adds pizzazz to slides -- Software streamlines multimedia
Heck, Mike
InfoWorld , December 7, 1998 , v20 n49 p79, 85, 2 Page(s)
ISSN: 0199-6649
Company Name: Yesler Software
URL: http://www.yesler.com
Product Name: Yesler Alive 1.0

... maintain consistency of presentations. Points out, however, that the user has limited control over presentation **formatting** without editing **HTML** code. Concludes that Yesler Alive **fills** a **void** in its elimination of large files typically produced when exporting slide shows to **HTML** . (cmr)
1998

12/3,K/13 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus

03907940 JICST ACCESSION NUMBER: 99A0202461 FILE SEGMENT: JICST-E
Distance Learning based on WWW -A mode and application.

SHEN R (1); ZHU Q (2); URANO Y (3); TOMINAGA H (3)
(1) Shanghai Jiaotong Univ.; (2) Telecommunication Advancement Organization Of Japan; (3) Waseda Univ.
Denshi Joho Tsushin Gakkai Gijutsu Kenkyu Hokoku(IEIC Technical Report (Institute of Electronics, Information and Communication Enginners), **1998** , VOL.98,NO.496(ET98 93-117), PAGE.137-144, FIG.3, REF.11
JOURNAL NUMBER: S0532BBG
UNIVERSAL DECIMAL CLASSIFICATION: 681.3.02:37 681.3:654
LANGUAGE: English COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

Distance Learning based on WWW **-A mode and application.**
, **1998**
ABSTRACT: Web School" includes four parts: self-study and web auto-answer system, web **online** testing system, web based discussion system and web based management system. In self-study and web auto-answer system, besides using JAVA or **ActiveX** to build multimedia courseware and guide tool, we introduce and develop a web auto-answer system to process and analysis the **online** **questions** . Using the knowledge understanding technology, it can match the best answer to the **question** , combine the answers to give the student a better solution, and it also can analysis the **questions** , then send the useful data to teacher. Web testing system includes paper auto generation, paper marking and management, it supports choice, **filling** in **blank** and writing test. In this system, we use some methods to guarantee it's reliability, such as how to continue the test after the interruption of the **network** and so on. The web based discussion system supports private and public text chat, shared...

...real time audio transmission, so the teacher and the students can use the resource in **Internet** to enjoy the whole class no matter where he is. The management system organizes all...
...DESCRIPTORS: **WWW** (communication...

... **internet** ; ...

... **interactive** processing
...BROADER DESCRIPTORS: computer **network** ; ...

...communication **network** ; ...

...information **network** ; ...

... **network** ;

12/3,K/14 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily

05112701
Web Offers Wide Menu For Sports
Mather, Victor
New York Times, Sec G, p 13, col 1
Jul 2, 1998
ISSN: 0362-4331 NEWSPAPER CODE: NY
DOCUMENT TYPE: Feature; Newspaper
LANGUAGE: English RECORD TYPE: ABSTRACT
LENGTH: Medium (6-18 col inches)

...ABSTRACT: themselves on the Web. Mr. (Bill) Henderson said his Web site (www.strongestman.com/magnus. **html**) **filled** a **void** . The site includes results dating from the first competition in 1977, **profiles** of the competitors and photographs. One highlight is the extensive collection of sound files, enabling...
19980702

12/3,K/15 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

06185233 Genuine Article#: YA500 No. References: 139
Title: Human-computer interaction **- Whence and whither?**
Author(s): Shackel B (REPRINT)
Corporate Source: LOUGHBOROUGH UNIV TECHNOL,HUSAT RES INST/LOUGHBOROUGH LE11 3TU/LEICS/ENGLAND/ (REPRINT)
Journal: JOURNAL OF THE AMERICAN SOCIETY FOR INFORMATION SCIENCE, **1997** , V 48, N11 (NOV), P970-986
ISSN: 0002-8231 Publication date: 19971100
Publisher: JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK, NY 10158-0012
Language: English Document Type: REVIEW (ABSTRACT AVAILABLE)

Title: Human-computer interaction **- Whence and whither?**
, **1997**
Abstract: In this article, an overview is presented of the growth of work in Human-Computer **interaction** (HCI) over the last 40 years. Inevitably much must be omitted, hut the referenced papers may **fill** some of the **gaps** . Various **formative** influences and contributing disciplines are noted. Aspects of research and human factors knowledge are prominent...
Research Fronts: 95-0490 001 (OPEN DISTRIBUTED HYPERMEDIA; **HYPERTEXT** MODEL; MULTIMEDIA SERVICES)
95-0934 001 (VISUAL REPRESENTATION SYSTEM; VERBAL REASONING; USER ERRORS)
95-2040 001 (GROUP DECISION-SUPPORT SYSTEMS; COMPUTER-MEDIATED COMMUNICATION; **ELECTRONIC** MAIL; SOCIAL INFORMATION; ORGANIZATIONAL MEETINGS; HUMANITIES SCHOLARS)
95-2120 001 (CULTURAL HISTORY OF SCIENCE; SCIENTIFIC KNOWLEDGE; NEURAL **NETWORKS**)
95-2525 001 (**WORLD WIDE WEB** ; DISTRIBUTED MOVIE SYSTEM; **ELECTRONIC** PUBLISHING; PROTEIN SCIENCE; HYPERMEDIA COMPONENTS)
95-6288 001 (USER INTERFACES; DESIGN OF INFORMATION-SYSTEMS; HUMAN-COMPUTER **INTERACTION** TASK LEARNING; PROGRAMMING ENVIRONMENTS)
?

02016171 SUPPLIER NUMBER: 18937652 (THIS IS THE FULL TEXT)
The learning Web. (Web-based training) (includes related articles on object of learning, resources) (Internet/Web/Online Service Information)
Callaway, Erin
PC Week, v13, n49, p53(3)
Dec 9, 1996
ISSN: 0740-1604 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2186 LINE COUNT: 00177

ABSTRACT: Many corporations are now using intranets for training applications. General Motors is preparing to deploy four interactive Web-based training modules to parts and service managers in about 500 locations, with subjects ranging from how to run a dealership to fundamentals of automotive components. Web-based training (WBT) offers a simple interface and works on multiple platforms, but bandwidth constraints tend to be a major problem and make it difficult to include rich multimedia. The WBT market is also immature; relatively few tools are available, and most current applications are home-grown. Early development products include Stanford Testing Systems' IBTauthor, Macromedia's Shockwave and AimTech's IconAuthor. A new class of tools is emerging that can deliver a rich, predefined WBT environment where users need only provide content.

TEXT:

WBT brings the classroom to users' desktops--eliminating costly travel. But there are still some bandwidth issues to be resolved

As far as General Motors Corp.'s Bill Maclear is concerned, a person shouldn't have to fly halfway across the country or chase down colleagues over voice mail simply to learn something. Instead, Maclear is bringing education to them--over GM's corporate intranet.

Starting in the first quarter of 1997, 600 GMSPO (GM Service Parts Operations) field managers in about 500 locations across the United States will be able to use four new interactive World Wide Web-based training modules to be schooled in everything from running a profitable GM dealership to the fundamental concepts of an automotive drive train and electronic components.

More than just another Internet distraction, WBT (Web-based training, also called online training) is an emerging trend that has training professionals everywhere abuzz. In large, highly dispersed companies such as GM, WBT--specifically, educational applications that integrate hyperlinked text and graphics with interactive testing, feedback forums and other functions--promises to make training accessible to employees who haven't previously had access to company courses or who've had to travel long distances just to participate.

And there are additional perks. WBT content isn't static like traditional CBT (computer-based training). Unlike CBT, which is delivered via floppy disks or CD-ROM, WBT updates are made from a central location and are immediately available to everyone on the intranet. Most important, WBT is flexible: Users can access WBT from their desktop or by dialing into the corporate intranet--whether they want to spend an hour refreshing particular skills or must track down an immediate answer to a question that arises during business hours.

"We have found some drawbacks to WBT delivery, but all of the benefits really outweigh them. The outlook is really positive," says Ellen Julian, research manager for training and education research at International Data Corp., in Framingham, Mass.

On the downside, bandwidth constraints are an ongoing problem, as they are with any Web application. The limitations currently make it difficult to include rich multimedia in WBT modules, a hurdle traditional CBT had to

cross when it emerged in the early 1980s. If the issue isn't addressed in a timely fashion, users may become bored with WBT, if they become interested in it at all.

Another immediate challenge is simply the nascent state of the WBT market. "We're all at the edge of something new," says Elliot Masie, president of the Masie Center, a learning and technology think tank in Saratoga Springs, N.Y. Although people interested in the technology have all the usual options--to build it themselves, hire consultants for WBT design or license WBT content from a training provider--the current pickings can be slim. The majority of vendors looking to capitalize on these three areas are just starting to roll out offerings, and the widest breadth of choices won't be available to users until early next year.

Rolling your own

The WBT market might be new, but it isn't stopping early adopters like Sherry Davenport from using WBT right now. Davenport, on-site training manager for Digital Equipment Corp.'s AltaVista Internet Software Group, in Littleton, Mass., started using WBT last month to provide accreditation training to the companies in the AltaVista Business Partner Group. Davenport developed the modules herself using IBTauthor, a Web-based training authoring tool from Stanford Testing Systems Inc., of Spokane, Wash.

"We provide a Web-centric approach to partnering. Whatever our business partners need, they should be able to access 24 hours a day, and that goes for training, too," says Davenport. The AltaVista group's first two WBT courses were deployed in October; Davenport plans to have four more developed--one for each AltaVista product--by the end of this year.

Davenport has designed the curriculum so each accreditation course includes 200 multiple-choice and fill-in-the-blank questions written in HTML. The questions are random, so repeat users won't get the same test twice. Trainees submit the answers to each question simply by clicking on an HTML link. Their responses are then seamlessly transmitted to the training module's database via IBT Class, a "middleware" program and the main component of IBTauthor. Once the answers are in the database, they are scored as correct or incorrect.

Besides IBTauthor, other WBT development tools include Macromedia Inc.'s Shockwave, AimTech Corp.'s IconAuthor, Allen Communication Inc.'s Quest and Asymetrix Corp.'s Toolbook II.

In addition to these, another class of tools is emerging: tools that will deliver a WBT environment where users need only to provide the content. Oracle Corp., for example, is addressing this category with its "learning objects" authoring architecture, to be rolled out as part of the third phase of its WBT strategy, Oracle Learning Architecture, next year (see sidebar, Page 53). Likewise, Centra Software Corp., in Cambridge, Mass., is developing Liveware, a Java-based application that will enable asynchronous access to course materials as well as real-time interaction between live instructors and students using a chat-room-like "virtual classroom."

Hired help

If authoring your own WBT plan isn't appealing, don't worry: There are outside companies available for hire. GMSPO's Maclear, for one, opted for that approach. His group partnered on WBT course design with Strategic Interactive Inc., a technology-based company in East Lansing, Mich., that creates intranet- and Internet-based training for Fortune 500 companies. Maclear opted to outsource because he didn't want to reinvent the wheel for each training course. He also wanted to leverage the skills of a company that focuses entirely on WBT.

Shockwave was one of the tools SI used to create the four courses for GMSPO. Each includes short illustrated icons and graphics, interactive questions and answers, and an administrative function that managers can use to track the progress of employees taking the courses. SI designed the courses on the premise that most participants will be dialing in to GM's intranet from remote locations. "They haven't filled the WBT with bells and

whistles that will slow it down," says Maclear.

Lee Dailey, director of education and development at United Technologies Corp., in Hartford, Conn., also hired an outside company--Executive Perspectives Inc., of Brookline, Mass.--to develop WBT for deployment on UTC's intranet. A global organization with six major businesses, UTC has a work force totaling more than 175,000 employees. Dailey, who provides corporate-sponsored training and education on topics such as process improvement, re-engineering and global strategy, says reaching everyone who needs training in UTC's six divisions is a particularly daunting challenge because they are so widely dispersed--more than 50 percent come from outside the United States.

That's where WBT comes in. "People will be able to access the WBT 24 hours a day, every day. That is something we haven't been able to offer," says Dailey. In addition to providing interactive WBT, Executive Perspectives is helping Dailey create an entire training home page, an idea Masie Center's Masie calls a "learning cockpit." This would provide a single point of entry to an entire Web-based collection of training information where employees can partake in interactive courses, check training calendars, find relevant online documentation and sign up for classroom courses.

In the end, many companies won't have to create their own WBT courseware. Microsoft Corp., Gartner Group Inc. and ZDNet already are providing WBT courses online. Meanwhile, traditional CBT companies and technology vendors are gearing up quickly to provide WBT programs on commercially available hardware and software. Many, such as Oracle, plan to eventually provide WBT on business and soft skills as well.

It turns out it's a learning Web, after all.

Senior Writer Erin Callaway can be reached at erin--callaway@zd.com.

Rules for Good Web-based Training Design

1. Establish a formal development process that focuses on meeting the training needs of your users.

2. Choose media types based on how well they will help you accomplish your training objectives, not based on glitz.

3. Make your WBT as interactive as possible to engage the learner.

4. Supplement your WBT training content with links to other Web resources related to the topic users are studying.

5. Remember that people learn in a variety of ways.

6. Avoid linear thinking. A top-down approach to training won't meet most users' needs, and it doesn't take advantage of hyperlinks.

7. Avoid content or feedback that is irrelevant or overly critical.

8. Test your WBT design on real users before you deploy.

Source: The Web-based Training Information Center

Re:sources for Web-based Training

The MASIE Center:

The MASIE Center is an international think tank dedicated to exploring the intersection of learning and technology. Located in Saratoga Springs, N.Y., the center provides research, perspectives, training and learning products for corporations. Visit this site to find articles on training and technology, plus information on MASIE Center seminars. There is also a link to the newly formed On-Line Learning and Training Council, a forum for discussing Internet and intranet-based learning.

URL: www.masie.com.

The Web-based Training Information Center:

This is a nonprofit resource for individuals and organizations interested in developing and delivering training using Web technology. It's a personal site, created and maintained by Tim Kilby, creative director and senior training analyst at Hughes Training Inc., in Falls Church, Va. You won't find any products or services offered here--just links to nonproprietary information and other training sites on the Web. Surf by to find out the differences between Web-based training and traditional computer-based training as well as the pluses and minuses of both. Links to related WBT sites, a glossary of WBT and CBT terms, guidelines for good WBT

design, and details on the WBT development process will give you further insight into what WBT is all about.

URL: www.clark.net/pub/nractive/wbt.html.

Related article: The object of learning

You've already completed a half-day tutorial on your department's RFP procedures, but sitting at your desk three months later, you can't remember a small, but critical, detail for a proposal that has to get out the door in a hour. Where do you turn?

Forward-thinking training professionals are hoping that the savior will be WBT (Web-based training), which will evolve to satisfy users' planned--and unplanned--educational needs. Oracle Corp., which entered the WBT market last month with the introduction of its OLA (Oracle Learning Architecture), is particularly enamored of the idea. It aims to fulfill the need via the concept of "learning objects"--small units of training data that, combined, add up to an entire course.

The key to Oracle's learning objects, a term that refers to how the TextNoPara MB:training data is organized in the database behind a WBT course, is that they can be used on their own. A user stumped by having to write a cover page for a request for proposal, for example, wouldn't have to wade through an entire course just to address the problem. Instead, he or she could log on to a WBT Web site and access a specific learning object, which would contain a 5-minute question-and-answer tutorial that hones in on the subject. Users also could mix and match different learning objects to create customized courses.

"This has enormous impact for corporate America," says Elliot Masie, president of the Masie Center, in Saratoga Springs, N.Y. Users can be easily turned off by traditional CBT (computer-based training) programs because the information they need is often buried somewhere in a lengthy course. Learning objects "make the hurdles to training enrollment much lower," says Masie.

As part of its WBT push, Oracle, of Redwood Shores, Calif., is partnering with a number of third-party software vendors to offer more than 75 WBT courses on Oracle products as well as programs from Microsoft Corp., Novell Inc., Lotus Development Corp. and others, available starting this month.

Many of the courses will use learning object technology, although initially, some will be HTML-based ports of current CBT courses.

Oracle will remain focused on delivering IT content for the time being. Eventually, though, the company plans to provide WBT courses on soft skills and nontechnical business training.

Starting in the first quarter of 1997, all of Oracle's WBT titles will be constructed using learning objects. By the fall of 1997, users also will be able to license an OLA intranet product that can serve as a platform for building their own WBT courseware using learning object technology.

```
Set      Items   Description
S1      475376   ONLINE OR ON()LINE OR ELECTRONIC? OR DIGITAL? OR WWW OR IN-
              TERNET? OR WORLD?()WIDE()WEB OR WEBSITE? OR HOMEPAGE? OR WEB(-
              )(SITE? OR PAGE?) OR WEBPAGE? OR BBS OR HOME()PAGE? OR W3 OR -
              NETWORK? OR WAN OR BULLETIN()BOARD()SYSTEM?
S2      367296   INTERACTIV? OR INTERACT OR INTERACTION OR INTERWORK? OR IN-
              TERPLAY? OR MORTIS? OR CO()OPERAT? OR COOPERAT? OR BACK(1N)FO-
              RTH OR DYNAMIC? OR INTERCHANG? OR RECURSI?
S3       22858   APPLET? OR HTML OR HYPERTEXT OR MARK()UP()LANGUAG? OR MARK-
              UP()LANGUAG? OR HDML OR SGML OR VRML OR XML OR SCRIPT? OR JAV-
              A()(APPLET? OR SCRIPT?) OR ACTIVEX?
S4       36123   FILL?(3N)(BLANK OR SPACE? OR VOID? OR GAP? ? OR  OPENING?)
S5     1207403   QUESTION? OR SURVEY? OR PROFILE? ? OR FORM? OR RECORD? OR -
              FIELD? OR TEXT(N)BOX OR INSTRUCTION?
S6           0   AU=SIRHALL THOMAS OR SIRHALL, THOMAS
S7           6   S1(S)S2(S)S3(S)S4(S)S5
S8          31   S4(S)S3(S)S5
S9           1   S8 AND IC=G09B?
S10          6   S8(S)(ANSWER? OR RESPOND? OR REPLY)
S11         10   S7 OR S9 OR S10
S12          1   S4(3N)APPLET?
S13          1   S12 NOT S11
?show files
File 348:EUROPEAN PATENTS 1978-2002/Jun W03
         (c) 2002 European Patent Office
File 349:PCT FULLTEXT 1983-2002/UB=20020620,UT=20020613
         (c) 2002 WIPO/Univentio
?
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11/5,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00882485
Stateless shopping cart for the web
Zustandsloser Einkaufswagen fur das Netz
Chariot sans etats pour le web
PATENT ASSIGNEE:
SUN MICROSYSTEMS, INC., (1392737), 901 San Antonio Road, MS PAL1-521, Palo Alto, California 94043, (US), (Proprietor designated states: all)
INVENTOR:
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LEGAL REPRESENTATIVE:
Frank, Veit Peter, Dipl.-Ing. et al (76701), Hoffmann Eitle, Patent- und Rechtsanwalte Arabellastrasse 4, 81925 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 807891 A1 971119 (Basic)
EP 807891 B1 000517
APPLICATION (CC, No, Date): EP 97201881 961224;
PRIORITY (CC, No, Date): US 583877 960111
DESIGNATED STATES: DE; FR; GB; NL; SE
RELATED PARENT NUMBER(S) - PN (AN):
EP 784279 (EP 96203701)
INTERNATIONAL PATENT CLASS: G06F-017/30
CITED REFERENCES (EP B):
PROCEEDINGS OF THE FIRST USENIX WORKSHOP OF ELECTRONIC COMMERCE, NEW YORK, NY, USA, 11-12 JULY 1995, BERKELEY, CA , USA, USENIX ASSOC, USA, pages 147-154, XP000579443 HAUSER R ET AL: "Generic extensions of WWW browsers"
INTERNET RESEARCH, 1996, MCB UNIVERSITY PRESS, UK, vol. 6, no. 1, ISSN 1066-2243, pages 81-91, XP000670632 ROWLEY J: "Retailing and shopping on the Internet"
DIRECT MARKETING, FEB. 1995, USA, vol. 57, no. 10, ISSN 0012-3188, pages 23-26, XP000670672 FRIED-CASSORLA A: "Successful marketing on the Internet: a user's guide";

ABSTRACT EP 807891 A1
A shopping cart metaphor is emulated on a network (46) of server (20) and client (35) computing systems. A browser at the client station has a request module to send a shopping page request to the server. A shopping page module in the server sends a shopping page file (40) to the browser in response to the shopping page request. The shopping page file contains items selectable by a user using the browser. A shopping module at the browser generates an add request and sends the add request to the server. This add request contains selected items from the items that were selectable in the shopping page file. A receiver at the server receives the add request from the browser, and a cart list module at the server initialises a shopping cart list. An add module at the server adds the selected items to the shopping cart list. A shopping page module at the server converts the cart list to a cart field, generates a new shopping page file, embeds the cart field in the new shopping page file and sends the new shopping page file to the browser. In this way, the shopping cart field is in a shopping page file that may be managed by the browser at the client station (35).
ABSTRACT WORD COUNT: 215
NOTE:
Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):
Grant: 000517 B1 Granted patent
Application: 971119 A1 Published application (A1with Search Report ;A2without Search Report)
Change: 010926 B1 Legal representative(s) changed 20010809
Change: 010502 B1 Legal representative(s) changed 20010314
Oppn: 010411 B1 Opposition 01/20010216 Opposition filed
Babcock Dienstleistungs-GmbH (132270)
Duisburger Strasse 375 46049 Oberhausen DE
(Representative:)Radunz, Ingo, Dipl.-Ing.

(38351) Schumannstrasse 100 40237 Dusseldorf (DE)

Lapse:	010704 B1	Date of lapse of European Patent in a contracting state (Country, date): SE 20000817,
Examination:	971119 A1	Date of filing of request for examination: 970707
Change:	980408 A1	Inventor (change)
Examination:	980708 A1	Date of despatch of first examination report: 980526
*Assignee:	990616 A1	Applicant (transfer of rights) (change): SUN MICROSYSTEMS, INC. (1392737) 901 San Antonio Road, MS PAL01-521 Palo Alto, California 94303 (US) (applicant designated states: DE;FR;GB;NL;SE)
*Assignee:	990616 A1	Previous applicant in case of transfer of rights (change): SUN MICROSYSTEMS, INC. (1392735) 2550 Garcia Avenue, MS PAL1-521 Mountain View, California 94043-1100 (US) (applicant designated states: DE;FR;GB;NL;SE)

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200020	870
CLAIMS B	(German)	200020	800
CLAIMS B	(French)	200020	1051
SPEC B	(English)	200020	4758
Total word count - document A			0
Total word count - document B			7479
Total word count - documents A + B			7479

...SPECIFICATION previous evening's collection of items.
US-A-5,623,656 (Lyons) discloses a preprocessing **script** -based data communications system and method that embeds information regarding the previous state of the system within **script** data. This effectively creates a state memory at a web server, which would otherwise be a stateless system relative to the users, or clients. Typically the **scripts** processed by this system are similar in structure and format to ordinary **HTML scripts** , with the addition of several commands that facilitate programming embedded state information. A client is afforded the capability of having one **script** influence another by exploiting the pre-processor imposed state memory. The server transmits a **form** containing fill-in blanks to the client, the client **fills** in a **blank** and transmits the **filled** -in **field** data back to the server. The server will then select, if necessary, another **script** file or based on the filled-in **field** data, **respond** with a **script** containing particular information. All, or part, of the information provided by the client in **responding** to the filled-in **fields** is stored in a database in the server.

SUMMARY OF THE INVENTION
In accordance with...

11/5,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00849164
Stateless shopping cart for the web
Zustandsloser Einkaufswagen fur das Netz
Un chariot sans etats pour le web
PATENT ASSIGNEE:
SUN MICROSYSTEMS, INC., (1392735), 2550 Garcia Avenue, MS PAL1-521, Mountain View, California 94043-1100, (US), (applicant designated states: DE;FR;GB;NL;SE)
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90045, (US)
LEGAL REPRESENTATIVE:
Hanna, Peter William Derek et al (72341), Tomkins & Co., 5 Dartmouth Road , Dublin 6, (IE)
PATENT (CC, No, Kind, Date): EP 784279 A1 970716 (Basic)
EP 784279 B1 980617
APPLICATION (CC, No, Date): EP 96203701 961224;
PRIORITY (CC, No, Date): US 583877 960111
DESIGNATED STATES: DE; FR; GB; NL; SE
INTERNATIONAL PATENT CLASS: G06F-017/30;
LEGAL STATUS (Type, Pub Date, Kind, Text):

Application:	970716	A1	Published application (A1with Search Report ;A2without Search Report)
Examination:	970716	A1	Date of filing of request for examination: 961227
Examination:	971105	A1	Date of despatch of first examination report: 970917
Change:	980617	A1	Miscellaneous (change)
Grant:	980617	B1	Granted patent
Oppn None:	990609	B1	No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9825	1863
CLAIMS B	(German)	9825	1673
CLAIMS B	(French)	9825	2269
SPEC B	(English)	9825	4730
Total word count - document A			0
Total word count - document B			10535
Total word count - documents A + B			10535

...SPECIFICATION blanks to the client, the client fills in a blank and transmits the filled-in **field** data back to the server. The server will then select, if necessary, another **script** file or based on the filled-in **field** data, **respond** with a **script** containing particular information. All, or part, of the information provided by the client in **responding** to the filled-in **fields** is stored in a database in the server.

SUMMARY OF THE INVENTION
In accordance with...

11/5,K/3 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00873309
A DATA-PROCESSING METHOD AND SYSTEM FOR ESTABLISHING A PERSONALIZED RANKING OF FINANCIAL INVESTMENT PRODUCTS FOR AN INVESTOR
PROCEDE ET SYSTEME DE TRAITEMENT DE DONNEES PERMETTANT D'ETABLIR UN CLASSEMENT PERSONNALISE DE PRODUITS D'INVESTISSEMENT FINANCIER A L'INTENTION D'UN INVESTISSEUR
Patent Applicant/Assignee:
FUNDSWORLD FINANCIAL SERVICES LTD, Commerzbank House, 1 Guild Street, I.F.S.C., Dublin 1, IE, IE (Residence), IE (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
GAINI Francesco Maria, Via Moscova, 22, I-20121 Milano, IT, IT (Residence), IT (Nationality), (Designated only for: US)
Legal Representative:
SINISCALCO Fabio (agent), Jacobacci & Partners S.p.A., Via Senato, 8, I-20121 Milano, IT,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200205618 A2 20020124 (WO 0205618)
Application: WO 2000IB986 20000718 (PCT/WO IB0000986)
Priority Application: WO 2000IB986 20000718
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: Italian
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 10830

English Abstract

French Abstract

Legal Status (Type, Date, Text)
Publication 20020124 A2 With declaration under Article 17(2)(a); without classification and without abstract; title not checked by the International Searching Authority.

Fulltext Availability:
Claims

Claim
... establishing a personalized ranking of mutual funds for an investor,
Figure 13 shows, in table **form** , and at a simplified, 5 schematic level, a database of mutual funds stored in the service provider's processing system, and
Figure 14 shows, in table **form** and at a simplified, schematic level, a personalized ranking of mutual funds established on the...

...in which the present invention can advantageously be used. The system concerned comprises a telecommunication **network** 105, typically the **Internet** .
As is known, the **Internet** is a global **network** of processing systems with a decentralized structure. Within 'the **Internet** , the processing systems use a "client server" architecture. As is known, a client-server architecture is an information **network** architecture in which each computer or process of the **network** behaves as a "client" or as a "server".
The servers are computers having significant computational...

...to
the management of disc storage units (file servers) , of printers (printing servers), or of **network** traffic (**network** servers).
The clients are personal computers or workstations on which the user can run the...

...find the necessary
resources such as, for example, files, devices, or even computational power.
The **Internet** provides. for various protocols for communication between the clients and the servers. one particular protocol, which is known as the " **World Wide Web** " (" **WWW** ") or more simply the "Web" permits access to a subset of servers (known as **web sites**) which support a so-called **hypertext** document management system; the documents are also known as **web pages** . Each **web page** is constituted by a file in a particular format known as **HTML** (11hypertext **mark - up language** ") which permits

hypertext links to other documents.
A server processing system 120 of a supplier of products and services according to the present invention is connected to the telecommunication **network** 105. The server processing system 120 constitutes a **web site** which is accessible to the client processing systems connected to the telecommunication **network** 105. Typically, some **web pages** of the **web site** 120 will be accessible without distinction to all of the client processing systems connected to the **network** , whereas some **web pages** of the site 120 will be accessible only to the client processing systems of users entitled or subscribing to the services offered by the **web site** 120.
In practice, the server processing system 120 will preferably comprise an outer ("front-end") subsystem connected directly to the telecommunication **network** 105, and an inner ("back-end") subsystem connected to the front-end subsystem by means...

...by suitable access barriers (11firewalls") to prevent intrusion into the back-end subsystem from the **network** 105.
Figure 1 also shown a user's client processing system 110, connected to the **network** 105. Typically, the user's client processing system 110 has access to the telecommunication **network** 105 by means of a respective **network** - access provider (known on the **Internet** as an " **Internet** service provider") not shown in the drawing.
The client processing system 110 comprises a computer...

...by any number of server processing systems and client processing systems connected to the telecommunication **network** .
For example, further server processing systems f rom which the service and product provider's...

...to the mutual funds, analyses of these data, etc., will be connected to the telecommunication **network** 105 (for simplicity, only,one of these is shown, indicated 130 in Figure 1). Amongst...

...processing systems are connected in a different manner, for example, by means of a public **network** of another type, or a geographical **network** (a "wide area **network** " or " **WAN** "), or if the user has a system based on a television set or a mobile telephone connected to the telecommunication **network** by means of a WAP protocol (a "wireless application protocol").
Figure 2 shows schematically the...

...210 controls the operation of the computer 110e, a working memory 215, typically a DRAM (**dynamic** random access memory), is used directly by the microprocessor 210, and a read-only memory275 for connection to the telecommunication **network** 105.
Similar considerations apply if the computer has a different structure, for example, if it...

...constituted by a central unit to which various terminals are connected, or by a computer **network** , or if it has further units such as a sound card which controls loudspeakers, an...

...product and service provider's server processing system 120.
Figure 3 shows, -again in schematic **form** , a partial content of the working memory of the computer 110e of the client processing...

...driver module (M-DRV) 305 which physically controls the.

transmission of data on the telecommunication **network** 105 by means of the MODEM 275. The MODEM driver module 305 communicates with a...

...not shown in the drawing), an engine (ENG) 320 for controlling communication with the telecommunication **network** 105. A plurality of **web pages** (WP) 323 are present in the bulk memory of the system; the **web pages** 323 are transmitted to the computer 110e by means of the telecommunication **network** 105, under the control of the 5 engine 320. The engine 320 communicates with a...

...information transmitted by the user's client processing system 110 by means of the telecommunication **network** 105. The module 340 communicates with a module (IN-PR) 350 which deduces an investor **profile** of the user on the basis of the information acquired by the module 340. The...

...categories and specializations within the categories of mutual funds, on the basis of the investor **profile** deduced by the module 350. The module 350 and the module 360 also communicate with...

...for example, mutual funds, available on the market, on the hasi,s of the investor **profile** deduced by the module 350, and of the asset allocation established by the module 360...

...obtaining the necessary data from providers of financial information, either by means of the telecommunication **network** 105 or in another way. A table (C&S-TAD) 365 giving the categories and...

...who will also be referred to 10 without distinction as the investor, visit's the **web site** of the server 120 by means of his own client processing system 110. The server's engine 320 transmits, by means of the **network** 105, a **web page** for entry to the site (a " **home page** ") which contains, in general, "links" to other **web pages** of the@ **web site** , represented concisely in the **form** of an index. These links are typically represented by "hot spots" in the **web page** displayed by the client computer 110e, which "hot spots" can be activated, for example, by...

...ID) and a password, to the server processing system 120, by means of the telecommunication **network** 105. The module 325 relies on the database of users 330 ...an investor subscribing to the service, the server 120 transmits to the client 110 a **web page** or, preferably, a sequence of **web pages** (QUEST box 402) which are displayed in succession upon request by the user. This sequence of **web pages** contains at least one **questionnaire** bearing **questions** relating to the investor, to which he/she replies-by filling the **web pages** in suitable **spaces** . The **questionnaires** are **filled** in **interactively** by the investor with the use of the pointing device or the keyboard of the computer 110e.. By filling in the at least one **questionnaire** , that is, by replying to the **questions** contained therein, the investor provides the server system with subjective information which will be used to deduce an investor **profile** . This subjective information will be used in combination with the objective information stored in the...

...of the mutual funds available on

the market, for the investor.
The at least one **questionnaire** is preferably subdivided into three **questionnaires** .
In particular, the first **questionnaire** bears **questions** which are drawn up in a manner suitable for enabling indications of the investor's life style to be deduced from his **answers** . A second **questionnaire** bears **questions** drawn up in a manner suitable for enabling personal information regarding the investor ("personal info,,) to be derived from his replies. A third **questionnaire** bears **questions** drawn up in a manner suitable for establishin' the investorl 9 s level of experience...

...financial investment matters, on the basis of his replies.,
In particular, each of the three **questionnaires** comprises, amongst other things, at least one **question** which enables the server system to deduce an investment "time frame" for the investor.
The investor is obliged to **answer** the **questions** of the first **questionnaire** . However, the investor has the option.to provide **answers** only to the first of the three **questionnaires** , skipping the remaining two, or to the first and to the second **questionnaires** , skipping the third, or to all three **questionnaires** . The three **questionnaires** are drawn up in a manner such that, if the user provides replies only to the first **questionnaire** , 5 the server system 120 can already deduce an approximate investor **profile** by means of the module 350 whereas,' if the user also provides replies to the second **questionnaire** , or even to all three **questionnaires** , the server system can deduce a more precise investor **profile** .
Tn other words, the second and third **questionnaires** enable the server system to perform a "fine tuning" of the investor **profile** , particularly in relation to his time frame.
For example, in the first **questionnaire** relating to life style, the investor is asked:
a **question** to which the investor has to **reply** by stating the duration of the investment period which he/she would choose if he...

...to be a considerable amount of capital to invest. The investor is guided in his **reply** to this **question** by a number of predetermined replies suggested by the **questionnaire** , for example: "one year", "three years", five years", "seven years", "ten years (or more)", "don't know"; in the **web page** displayed by the client computer, an entry box is displayed beside each suggested **reply** and the investor enters his preselected **reply** by marking the entry box beside the selected **reply** , by means of the mouse;
- a **question** to which the investor has to **reply** by 5 stating how much time he/she requires to judge the quality of an investment; here again, the investor is guided in his **reply** by means of a number of predetermined replies suggested by the **questionnaire** which may be, for example, the same as those listed above; the investor enters the **reply** in-the' manner described above;
- a **question** to which the investor has to **reply** by stating the degree of confidence which he/she places in his own selections; for example, the **question** is displayed explicitly in the **web page** and beneath it is displayed a cursor which can be moved along a graduated scale...

...device. The.
investor can move the cursor, positioning it on the
selected scale value;
- other **questions** suitable for deducing the
investor's life style.
In the second **questionnaire** relating to personal
information, the investor is asked a **question** to which
he/she must **reply** by stating when he/she expects that the
capital which he/she intends to invest will have to be
realized in whole or in part, to meet expenses. In. the
web page displayed by the client computer, two data-input
windows are provided, one f or the...

...for the entry of the amount
which is expected to have to be realized. Other **questions**
suitable for enabling personal information relating to
the investor to be deduced are also asked.
In the third **questionnaire** which relates to the
investor's level of experience, the investor is asked:
to - a **question** to which the investor has to **reply** by
stating how he/she interprets, in terms of absolute time,
the statement "long term" used in the **field** of financial
investments; several alternative replies are suggested to
the investor: for example, "one year". "three years",
"five years", "seven years", "ten years", and a "don't
know" **reply** is also allowed for; the investor enters the
selected **reply** as in the first **questionnaire** ;
- a **question** to which the investor has to **reply** by
stating the extent of his knowledge on the subject of
financial investment's; for example, the **question** is
displayed in a **web page** and beneath it is displayed a
cursor which can be moved along a-graduated scale...it at the selected
point along the
scale, by means of the pointing device;
- other **questions** suitable for enabling the extent
of the investor's experience in the subject of financial...

...the total amount of the financial resources
which he/she wishes to invest, as a **reply** to a **question**
in the **questionnaires** , for example, in the first
questionnaire .
When the investor has replied to the **questions** of a
web page 'currently displayed, he/she causes the replies
provided to be transmitted to the server 120 on the
network 105 simultaneously with a request for the next
web page in the sequence, by selecting a
suitable "hot
spot 11 on the **web page** ; this process is repeated up to
the last **web page** of the sequence.
The server thus acquires information relating to the@
investor, that is, subjective...

...First of all, on the basis of the replies provided
by the investor to the **questions** of the **questionnaire** ,
the server system establishes a value for a correction
parameter EC ("experience corrector") which will...

...box 501 in Figure 5) on the basis of the
investor's replies to the **questions** - a) extent of
knowledge on the subject of financial investments, and b)
degree of confidence...

11/5,K/4 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00847581 **Image available**
INTERACTIVE ORTHODONTIC CARE SYSTEM BASED ON INTRA-ORAL SCANNING OF TEETH

SYSTEME DE SOIN ORTHODONTIQUE INTERACTIF BASE SUR L'ANALYSE INTRA-BUCCALE DES DENTS

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Patent and Priority Information (Country, Number, Date):
Patent: WO 200180761 A2 20011101 (WO 0180761)
Application: WO 2001US11969 20010413 (PCT/WO US0111969)
Priority Application: US 2000552189 20000419; US 2000552190 20000419; US 2000560127 20000428; US 2000560128 20000428; US 2000560129 20000428; US 2000560130 20000428; US 2000560131 20000428; US 2000560132 20000428; US 2000560133 20000428; US 2000560134 20000428; US 2000560583 20000428; US 2000560584 20000428; US 2000560640 20000428; US 2000560641 20000428; US 2000560642 20000428; US 2000560643 20000428; US 2000560644 20000428; US 2000560645 20000428; US 2000560646 20000428; US 2000560647 20000428; US 2000613093 20000428; US 2000616093 20000428; US 2000616093 20000713

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: A61C
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 60676

English Abstract

Interactive, computer based orthodontist treatment planning, appliance design and appliance manufacturing is described. A scanner is described which acquires images of the dentition which are converted to three-dimensional frames of data. The data from the several frames are registered to each other to provide a complete three-dimensional virtual model of the dentition. Individual tooth objects are obtained from the virtual model. A computer-interactive software program provides for treatment planning, diagnosis and appliance from the virtual tooth models. A desired occlusion for the patient is obtained from the treatment planning software. The virtual model of the desired occlusion and the virtual model of the original dentition provide a base of information for custom manufacture of an orthodontic appliance. A variety of possible appliance and appliance manufacturing systems are contemplated, including customized archwires and customized devices for placement of off-the shelf brackets on the archwires, and removable orthodontic appliances.

French Abstract

L'invention concerne la planification d'un traitement orthodontique informatique interactif, la conception d'un appareil et la fabrication de cet appareil. L'invention concerne un analyseur qui realise des images de la dentition qui sont ensuite converties en images tridimensionnelles de donnees. Les donnees provenant de diverses images sont synchronisees les unes avec les autres afin de produire un modele virtuel tridimensionnel de la dentition. Les objets de dents individuels sont obtenus a partir du modele virtuel. Un logiciel interactif pour ordinateur fournit une planification de traitement, un diagnostic et un appareil a partir des modeles de dent virtuels. Une occlusion souhaitee pour le patient est obtenue avec le logiciel de planification de traitement. Le modele virtuel de l'occlusion souhaitee et le modele virtuel de la dentition d'origine fournissent une base d'informations utiles pour la fabrication sur demande d'un appareil orthodontique. Plusieurs appareils et systemes de fabrication d'appareil possibles sont envisages, y compris des arcs et des appareils individualises permettant le placement de verrous immediats sur les arcs, et des appareils orthodontiques amovibles.

Legal Status (Type, Date, Text)
Publication 20011101 A2 Without international search report and to be republished upon receipt of that report.

Fulltext Availability:
Claims

Claim
... the incisors axially, and leveling the incisors. Thirdly, the user can simulate tooth position corrections **interactively** using the navigational tools. The user displays a target stage as needed. A tooth object...

...the navigation controls to move the tooth as desired. The movement of the tooth is **recorded** as new values in the bonding correction and target correction tables, in case the user...the dentition from the scanner, obtained as described above. However, it is possible to -Perform **digital** treatment planning by importing into the software three-dimensional software from other sources. Is it...
...A 3D filethat holds 3D data in a surface description consists tvDically of triangles that **form** the surface of the object. The STL format is one of the oldest and therefore...

...information to stereolithography machines. A more detailed description of STL can be found at http:// **www** .mmsonline.com/artciles **html** , the contents of which, are incorporated by reference herein.
Treatment Monitorin
Interactive , computer-based treatment monitoring is a significant advantage provided the treatment planning and. appliance design...

...patient comes into to the office during treatment, they will be scanned, and a new **digital** model of the dentition is acquired. From this new model,' differences can be monitored between...finalized, the treatment planning software will store the following infonnation (in addition to the patient **records**):
1) the virtual model of the current stage or malocclusion;
101
) the placement location of...

...information from the treatment planning software is sent over a suitable communications medium 24 in **digital** fonn to the precision appliance service center 26. The service center manufactures a customized archw...

...will never precisely match the individual tooth of any,given patient. One option is to **fill** the **gap** using a surplus o'f bonding adhesive during bondin An0ther option is to equip the...

...teeth, a scan of the bracket placement is made. The scan is compared to the **digital** template of the expected bracket position. If the bracket is placed incorrectly, the bracket can...preferably has import filter for conunon types of files of 3D objects including STL, DNF, **VRML** etc.

Additionally, another key aspect of the treatment planning software is that (inverted exclamation mark...

...on the effect of user specified tooth movement. When ---a, value is entered into a **field** in the display or the user uses the navigafion, tools, results are displayedi immediately. Further...

...in Figure 1. The key aspects of the system 34 are shown in block diagram **form** in Figure 88A. The system 34 includes a control system. for controlling the operation of...

...input file from some source that provides information as to how the medical device in **question** needs to be bent. The computer 600 supplies the robot controller 602 with position infonnation...are supplied from the robot controller 602 along a cable 650 which plugs int(inverted **question** mark) the base 630 of the robot. Figure 91 is a detailed perspective view of...

...The gripping tool 651A of Figure 91 flirther includes a force sensor 664 in the **form** of a.,strain gauge. The force sensor is designed to detect forces that the wire...

11/5,K/5 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00806382
METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A MARKET SPACE INTERFACE
PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHE ENTRE UNE PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHE
Patent Applicant/Assignee:
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Inventor(s):
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HICKMAN Paul L (agent), Hickman Coleman & Hughes, P.O. Box 52037, Palo Alto, CA 94303, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200139028 A2 20010531 (WO 0139028)
Application: WO 2000US32308 20001122 (PCT/WO US0032308)
Priority Application: US 99444773 19991122; US 99444798 19991122
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-017/00
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 17097

English Abstract
A system, method and article of manufacture are provided for affording a network-based supply chain framework. Installation of a service is managed utilizing a network. Demand and supply of manufacturer offerings are planned utilizing the network and orders for the manufacturer offerings are also managed utilizing the network. The network is also utilized to manage network assets including providing maintenance and

service for the network assets utilizing the network.

French Abstract
On decrit un systeme, un procede et un article manufacture qui constituent une structure de chaine d'approvisionnement fondee sur le reseau. L'installation d'un service est geree au moyen d'un reseau. La demande et l'approvisionnement des offres de fabricant sont planifies au moyen du reseau et les commandes relatives aux offres du fabricant sont egalement gerees au moyen du reseau. Le reseau est egalement utilise pour gerer les actifs sur le reseau, y compris pour effectuer la maintenance et le service pour les actifs de reseau au moyen du reseau.

Legal Status (Type, Date, Text)
Publication 20010531 A2 Without international search report and to be republished upon receipt of that report.
Examination 20010913 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:
Detailed Description

Detailed Description
... I I I I = special digit 5 (Not Used)
All TBCD digit fields must be **filled** with TBCD-Null, or zero, prior to data being recorded.

VAere applicable, dialed digit forinats...switch sends a billing block, comprised of completed call records, to a billing center upon **filling** an entire billing block.

97
Introduction To A Callback Telephony System in Accordance With A...the Internet, and include advertisements along with information content, In fact, some newspapers sell advertising **space** on an associated World Wide Web (WWW) site, which often includes extensive listings of certain...

11/5,K/6 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00794392 **Image available**
TRAINING AND KNOWLEDGE MANAGEMENT SYSTEM
SYSTEME DE GESTION DE CONNAISSANCE ET DE FORMATION
Patent Applicant/Assignee:
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Patent Applicant/Inventor:
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Legal Representative:
BAXTER William K (et al) (agent), Godfrey & Kahn, S.C., 780 North Water Street, Milwaukee, WI 53202-3590, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200127902 A1 20010419 (WO 0127902)
Application: WO 2000US28762 20001016 (PCT/WO US0028762)
Priority Application: US 99159398 19991014
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G09B-003/00**
International Patent Class: **G09B-007/00** ; **G09B-019/00**

Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 5915

English Abstract
  A training and knowledge management system is used to create, edit, deliver, maintain, and manage complex computer-based training systems. The core system includes a development module for developing training founded on competency-based adult learning theory, a publisher module for producing electronic and hard copies, a distance learning module to provide training over the internet and intranet, and a management module to provide full management capabilities. The integrated enterprise-wide software training system utilizes learning objects (40) to create tailored learning for organizations and individuals. The system supports all types of training, including web-based, intranet, instructor-led, or CD-ROM. The dynamic learning objects include the course, the module, the unit, the competency, the media, and the measurement. The learning objects dramatically reduce the cost of developing, publishing, and revising training content.

French Abstract
  La presente invention concerne l'utilisation d'un systeme de gestion de connaissance et de formation destine a creer, editer, distribuer, maintenir et gerer des systemes de formation complexes a base informatique. Le systeme de base comprend un module de developpement destine a un developpement de formation fonde sur une theorie d'apprentissage pour adultes basee sur la competence, un module publication destine a la production de documents electroniques et sur papier, un module d'apprentissage a distance permettant une formation au moyen de l'Internet ou d'intranet, et un module gestion permettant d'assurer des fonctions de gestion complete. Le systeme de formation a logiciel integre, a echelle d'entreprise, utilise des objets d'apprentissage (40) afin de creer un apprentissage sur mesure pour des organisations et des individus. Le systeme supporte tous les types de formation, y compris ceux bases sur le Web, sur intranet, a formation assistee ou sur CD-ROM. Les objets d'apprentissage dynamique comprennent le cours, le module, l'unite, la competence, le support et le test. Ces objets permettent de reduire considerablement le cout de developpement, de publication, et de revision de contenu de formation.

Legal Status (Type, Date, Text)
Publication 20010419 A1 With international search report.
Publication 20010419 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination 20010913 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: **G09B-003/00**
International Patent Class: **G09B-007/00** ...

... **G09B-019/00**
Fulltext Availability:
  Detailed Description

Detailed Description
... the system. A description of the media and the order in which a particular media **record** would be used by a
15
competency or competency element is input; the learning mode...

...object bit file (BLOB), an external media file (animated GIF quick time movie) or a **hypertext mark - up language** (HTNIL) file. The last data to be input into the development module is new measurement data. This data includes a topic or a short statement describing the related subject, a **question** type such as multiple choice, essay or **fill** in

the **blank** .

FIG. 5 is a flow diagram of the publisher module of the training system. Fig...

11/5,K/7 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00787796
METHOD AND SYSTEM FOR WEB USER PROFILING AND SELECTIVE CONTENT DELIVERY
PROCEDE ET SYSTEME SERVANT A ETABLIR UN PROFILE D'UTILISATEUR INTERNET ET LIVRAISON DE CONTENU SELECTIVE

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Patent and Priority Information (Country, Number, Date):
Patent: WO 200120481 A2 20010322 (WO 0120481)
Application: WO 2000US24442 20000906 (PCT/WO US0024442)
Priority Application: US 99154640 19990917; US 2000558755 20000421
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-017/00
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 6832

English Abstract

French Abstract
L'invention concerne un procede et un systeme servant a etablir des profiles d'utilisateurs Internet de maniere precise et discrete et a livrer selectivement le contenu d'une page Internet, tel que de la publicite, a ces utilisateurs en fonction de leur profile. Ce systeme utilise des informations de comportement recueillies de preference au point de raccordement Internet des utilisateurs afin de faire le profile de maniere anonyme de leurs interets et de leurs donnees demographiques. Ce systeme apparie et livre ce contenu aux utilisateurs les plus receptifs a ce contenu. Les publicitaires peuvent utiliser ce systeme pour lancer des campagnes publicitaires efficaces en livrant un contenu Internet choisi a des audiences-cibles choisies. Ce systeme utilise la retroaction des utilisateurs pour determiner l'efficacite d'une campagne publicitaire et permet de modifier dynamiquement cette campagne

publicitaire, par exemple, en modifiant l'audience-cible, afin d'optimiser les resultats.

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Examination 20010705 Request for preliminary examination prior to end of 19th month from priority date
Declaration 20011213 Late publication under Article 17.2a
Republication 20011213 A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Fulltext Availability:
Claims

Claim
... creates an advertisement profile and stores this data in an Ad Campaign database

60 This **profile** is used by a data analysis system component (shown in FIGURE 10)
users who are most likely to **respond** to the content. The data analysis to I
system takes advertising **profile** data from the ad campaign database 60 and matches it to user **profiles** from the master user **profile** database 50. (In addition, during the course of an advertising campaign, the data analysis system takes data from the master client response database 52 to refine the user **profiles** selection.) It writes results of match to the advertisement database 62. The master scheduler takes...

...the advertiser preferably can, if desired, change its marketing strategy (e.g., by adjusting the **profile** of the targeted audience) at various points in the campaign to optimize results. Thus, campaigns...

...database 60 to generate formatted invoices for billing purposes. As previously discussed, in developing user **profiles** , the system uses data associating URL character strings selected by users on their client machines...

...The system preferably periodically queries a NetRatings or similar database 70 containing the data through **XML** to build a version of that database on the master server (the master categorized URL...

...an ISP, the system could be configured such that targeted advertisements are delivered through ordinary **Web pages** (using banner advertisements, etc.). Also, in the system described above, **Web site** classification or **profile** data is obtained from third party vendors such as Neilsen NetRatings. However, this data may...
...a number of users of known demographics, the system could be configured to generate the **Web site profile** data. Furthermore, the ...overall demographics generated for the other anonymous users in the system could be used to **fill** out **gaps** in the URL database, i.e., for **Web sites** having no classification data. Having described preferred embodiments of the present invention, it should be...

11/5,K/8 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00549731 **Image available**
METHODS AND DEVICES FOR MAPPING DATA FILES
PROCEDES ET DISPOSITIFS POUR CARTOGRAPHIER DES FICHIERS DE DONNEES
Patent Applicant/Assignee:
SYMTEC LIMITED,
CLIFTON-BLIGH Gervase,
Inventor(s):
CLIFTON-BLIGH Gervase,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200013104 A1 20000309 (WO 0013104)
Application: WO 99GB2820 19990826 (PCT/WO GB9902820)
Priority Application: GB 9818633 19980826; GB 9824779 19981111; WO 98GB3481 19981120
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
Main International Patent Class: G06F-017/30
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 30951

English Abstract
A method of mapping interconnections between a plurality of data files, such as files of the world wide web. The method comprises a step of, for a first file, in a display area displaying a first region. Then, according to a first distance scale, displaying one or more second regions, which respectively represent one or more second files logically related to the first file, for example by hyperlinks. The second regions are spatially related in a display to the first region. In (n-1) further steps, i = 2,..., n, of for the or each i-th file the method displays according to an i-th distance scale smaller than the (i-1) -th distance scale one or more (i+1) -th regions. Each of these (i+1) -th regions respectively represent one or more (i+1) -th files which are logically related to the i-th file, and they are spatially related on a display to the i-th region representing that i-th file. The method may be implemented in software, for example in a web browser.

French Abstract
L'invention concerne un dispositif permettant de cartographier des interconnexions entre plusieurs fichiers de donnees, par exemple des fichiers du Web. La premiere etape de ce procede consiste tout d'abord, pour un premier fichier, a afficher une premiere region dans une zone d'affichage, puis selon une premiere echelle de distance, a afficher une ou plusieurs autres regions qui representent respectivement un ou plusieurs autres fichiers logiquement associes au premier fichier, par exemple par des hyperliens. Cette seconde region est associee dans l'espace a la premiere, sur un ecran. Au cours de (n-1) etapes suivantes, i = 2, ..., n pour le fichier i-th ou pour chaque fichier i-th, une ou plusieurs regions (i+1)-th s'affichant selon une distance i-th inferieure a l'echelle de distance (i-1)-th. Chacune de ces regions (i+1)-th, qui representent respectivement un ou plusieurs fichiers (i+1)-th logiquement associes audit fichier i-th, est associee dans l'espace a la region i-th representant ce fichier i-th, sur un ecran. Le procede de cette invention peut etre mis en place dans un logiciel, par exemple un navigateur Web.

Fulltext Availability:
Claims

Claim
... REGISTER
9 Infrared
10:35 Divert to:
8 Accessories
Thursday 7 Diary
6th May 4 **WWW**
5 View Icons
@@ED@
. LAST.'
(a) (c) (d)
(b) A
230
man .. .. 111111114:@o@uble...

...keypad to connect on first link from currently h
2753 the main menu to Web **homepage** current **webpage** **webpage**
F 24o 24-0
2.5b KA
23b
23Z
232 MOM MM==
mmou
WWW Name Links Info Name Links Info
'23@
10:35 2-5 8 PORTAL LOCAL WEATHER...

...w MM
man a in a man OEM
(a) MAIN MENU (b) WEB MENU (c) **HOME** **PAGE** (d) HIGHLIGHTED
WEB **PAGE** TITLE
FIG. 1 1
/24
. . ..
204 202
.....
R: i
200
x.x:
.. . . ------- ------- -- -- . .. .
...
FIG. 12
/24...

...30
According to International Patent Classification (IPC) or to both national classification and IPC
B. **FIELDS** SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F
Documentation searched other than minimum documentation to the extent that such documents are included in the **fields** searched **Electronic** data bass consulted during the international search (name of data base and, where practical, search...

...relevant passages Relevant to claim No.
X JOHNSON B ET AL: "TREE-MAPS: A 596925
SPACE - **FILLING** APPROACH TO THE
VISUALIZATION OF HIERARCHICAL INFORMATION
STRUCTURES"
PROCEEDINGS OF THE ANNUAL CONFERENCE ON
VISUALIZATION...10
figure 6
figure 14
A ZIZI M ET AL: "Hypermedia exploration 1-57
with **interactive** **dynamic** maps"
INTERNATIONAL JOURNAL OF HUMAN-COMPUTER
STUDIES,US,ACADEMIC PRESS, NEW YORK, NY,
vol. 43...

...A FEINER S: "SEEING THE FOREST FOR THE 11215-13
TREE-S: HIERARCHICAL DISPLAY OF **HYPERTEXT**
STRUCTURE"
CONFERENCE ON OFFICE INFORMATION
SYSTEMS,US,NEW YORK, IEEE,
vol. -, page 205-212 XPOO0757445
page 208, line 1 -page 211, line 9
figures 5-7
Form PCTASA/210 (continuation of second sheet) (July 1992)
page 2 of 2
MERNATIONAL SEARCH REPORT...

...Patent document Publication Patent family Publication
cited in search report date member(s) date

L

Form PCT/ISA/210 (patent family annex) (July 1992)

11/5,K/9 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

00348333 **Image available**

AN INTEGRATED DEVELOPMENT PLATFORM FOR DISTRIBUTED PUBLISHING AND MANAGEMENT OF HYPERMEDIA OVER WIDE AREA NETWORKS

PLATE-FORME DE DEVELOPPEMENT INTEGREE POUR LA PUBLICATION ET LA GESTION REPARTIES D'HYPERMEDIA SUR DES RESEAUX LONGUE PORTEE

Patent Applicant/Assignee:
NAVISOFT INC,

Inventor(s):
DOZIER Linda T,
WILLIAMS George W V,
LONG Dave,
MCKEE Douglas M,
DAVIDSON James G,
BRADY Karen,

Patent and Priority Information (Country, Number, Date):
Patent: WO 9630846 A1 19961003
Application: WO 96US1686 19960321 (PCT/WO US9601686)
Priority Application: US 95412981 19950328

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-017/30

Publication Language: English

Fulltext Availability:
Detailed Description
Claims

Fulltext Word Count: 177634

English Abstract

The present invention addresses the critical needs of publishers seeking to create and publish hypermedia content in electronic form across wide area networks ("WAN's") such as the World Wide Web. Toward this end, a client-server development platform is provided for handling the important functions of document authoring, content-based indexing and retrieval of documents, management and control of proprietary assets, and support for developing form-driven interactive services, all in a manner that is uniquely and seamlessly WAN-integrated.

French Abstract

Le systeme selon l'invention repond aux besoins cruciaux des editeurs desireux de creer et de publier le contenu d'hypermedia sous forme electronique dans des reseaux longue portee tels que le reseau WWW (World Wide Web). Pour ce faire, une plate-forme de developpement de serveur/client est produite pour gerer les fonctions importantes de creation de documents, indexation basee sur le contenu et d'extraction de documents, de gestion et de controle des actifs prives, et de support pour le developpement de services interactifs a base de masque, l'ensemble de maniere integree, de maniere unique et transparente aux reseaux a longue portee.

Fulltext Availability:
Detailed Description

Detailed Description

4 1 Copying...a graphical representation (the MiniWeb Window) of a special directory containing web pages and other **web** related files. It is rare to want to author a single web page. More often...

11/5,K/10 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00171840 **Image available**
ASSAYOMATE
AUTOMATE POUR ANALYSES
Patent Applicant/Assignee:
APPLIED BIOSYSTEMS INC,
Inventor(s):
MICHEL Bruno,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9005293 A1 19900517
Application: WO 89US4981 19891107 (PCT/WO US8904981)
Priority Application: US 8851 19881108
Designated States: AT AU BE CH DE FR GB IT JP LU NL SE
Main International Patent Class: G01N-021/05
International Patent Class: G01N-35:00
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 161422

English Abstract
An automated apparatus for monitoring chemical reaction assays which includes a supply system (15, 17) for providing accurately metered solutions of reactants to a mixing chamber (19). The mixing chamber (19) is connected to a reaction chamber (21) wherein a substantial portion of the reaction between the reactants occur. A physical parameter, which is a function of the concentration of at least one of the reactants and reaction products, is measured in reaction chamber (21). A computer (35 and 39) is used to automatically control the supply system, mixing chamber and reaction chamber and to analyze the data obtained from the reaction chamber (21) to determine kinetic constants and other parameters associated with the assay.

French Abstract
Dispositif automatise pour le controle d'analyses par reaction chimique, comprenant un systeme d'alimentation (15, 17) introduisant des solutions de reactifs dosees avec precision dans une chambre de melange (19). La chambre de melange (19) est reliee a une chambre de reaction (21) dans laquelle se produit une partie considerable de la reaction entre les reactifs. Un parametre physique, qui est une fonction de la concentration d'au moins un des reactifs et des produits de reaction, est mesure dans la chambre de reaction (21). Un ordinateur (35 et 39) est utilise pour commander automatiquement le systeme d'alimentation, la chambre de melange et la chambre de reaction et pour analyser les donnees provenant de la chambre de reaction (21) afin de determiner les constantes cinetiques et d'autres parametres associes a l'analyse.

Fulltext Availability:
Detailed Description

Detailed Description
... the user for series, filename, and the enzyme concentration. Blank allows the entry of a **blank** file to be subtracted from all of the following measurements. [El Auto selects between an...is aborted.

Softkey *2 activates the Concentration Menu (lines 1000ff)

Softkey #3 reads the current **fill** level of the
syringes from the ASSAYOMATE "*WFCC8"
@GOSUB 7000 @ GOSUB 7700 and shows the...
?

13/5,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00569844 **Image available**

CLIENT SERVER SYSTEM WITH THIN CLIENT ARCHITECTURE
SYSTEME CLIENT-SERVEUR A ARCHITECTURE DE CLIENTINIMALE

Patent Applicant/Assignee:
SIEBEL SYSTEMS INC,
AMBROSE Jesse,
ARNAIZ Gilberto,
COKER John L,
HAHN Samuel,
KATCHOUR Ernst,
ROTHWEIN Thomas M,
SCHWARTZ David C,
Inventor(s):
AMBROSE Jesse,
ARNAIZ Gilberto,
COKER John L,
HAHN Samuel,
KATCHOUR Ernst,
ROTHWEIN Thomas M,
SCHWARTZ David C,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200033217 A1 20000608 (WO 0033217)
Application: WO 99US28414 19991130 (PCT/WO US9928414)
Priority Application: US 98110191 19981130
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
Main International Patent Class: G06F-017/30
International Patent Class: G06F-007/00
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 19872

English Abstract
Web-based client-server systems with thin client architecture. More specifically, it relates to a method and system for transferring service requests and responses to the requests between a thin client (15) and an enterprise server in a client-server system.

French Abstract
L'invention concerne des systemes client-serveur Internet, qui possedent une architecture de client minimale. Plus specialement, l'invention concerne un procede et un systeme de transfert de demandes de services et des reponses a ces demandes entre un client minimum (15) et un serveur d'entreprise, au sein d'un systeme client-serveur.

Fulltext Availability:
Detailed Description

Detailed Description
... class that is
similar in ftinctionality.

17.

. Remove the unsupported applet and enlarge the remaining **applets** to **fill** the same **space** .

Of course, TCW and JTC may have many supported applet classes. Embodiments of TCW and...

?

Set	Items	Description
S1	12434634	ONLINE OR ON()LINE OR ELECTRONIC? OR DIGITAL? OR WWW OR INTERNET? OR WORLD?()WIDE()WEB OR WEBSITE? OR HOMEPAGE? OR WEB(-)(SITE? OR PAGE?) OR WEBPAGE? OR BBS OR HOME()PAGE? OR W3 OR -NETWORK? OR WAN OR BULLETIN()BOARD()SYSTEM?
S2	3185530	INTERACTIV? OR INTERACT OR INTERACTION OR INTERWORK? OR INTERPLAY? OR MORTIS? OR CO()OPERAT? OR COOPERAT? OR BACK(1N)FORTH OR DYNAMIC? OR INTERCHANG? OR RECURSI?
S3	704269	APPLET? OR HTML OR HYPERTEXT OR MARK()UP()LANGUAG? OR MARKUP()LANGUAG? OR HDML OR SGML OR VRML OR XML OR SCRIPT? OR JAVA()(APPLET? OR SCRIPT?) OR ACTIVEX?
S4	123676	FILL?(3N)(BLANK OR SPACE? OR VOID? OR GAP? ? OR OPENING?)
S5	13256424	QUESTION? OR SURVEY? OR PROFILE? ? OR FORM? OR RECORD? OR -FIELD? OR TEXT(N)BOX OR INSTRUCTION?
S6	0	AU=SIRHALL THOMAS OR SIRHALL, THOMAS
S7	15	S1(S)S2(S)S3(S)S4(S)S5
S8	284	S4(S)S3(S)S5
S9	56	S4(5N)S3(5N)S5
S10	40	S4(3N)S3(3N)S5
S11	55	S7 OR S10
S12	52	S11 AND PY<=2001
S13	32	RD (unique items)

```
SYSTEM:OS  - DIALOG OneSearch
  File  88:Gale Group Business A.R.T.S.  1976-2002/Jun 21
         (c) 2002 The Gale Group
  File   9:Business & Industry(R)  Jul/1994-2002/Jun 21
         (c) 2002 Resp. DB Svcs.
  File 275:Gale Group Computer DB(TM)  1983-2002/Jun 21
         (c) 2002 The Gale Group
  File 583:Gale Group Globalbase(TM)  1986-2002/Jun 22
         (c) 2002 The Gale Group
  File  47:Gale Group Magazine DB(TM)  1959-2002/Jun 24
         (c) 2002 The Gale group
  File 621:Gale Group New Prod.Annou.(R)  1985-2002/Jun 20
         (c) 2002 The Gale Group
  File 636:Gale Group Newsletter DB(TM)  1987-2002/Jun 21
         (c) 2002 The Gale Group
  File  16:Gale Group PROMT(R)  1990-2002/Jun 20
         (c) 2002 The Gale Group
  File 160:Gale Group PROMT(R)  1972-1989
         (c) 1999 The Gale Group
  File 148:Gale Group Trade & Industry DB  1976-2002/Jun 21
         (c)2002 The Gale Group
```

13/3,K/1 (Item 1 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.

03614469 SUPPLIER NUMBER: 16635075
Do-it-yourself multimedia. (educational software)
Shields, Jean
Technology & Learning, v15, n4, p26(1)
Jan, 1995
ISSN: 1053-6728 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2899 LINE COUNT: 00233

... scripting. Special tools include integrated sound utilities; quiz templates for multiple choice, true/false, and **fill** -in-the **blank** - **formats** ; collections of sounds and images; and a **hypertext** manual (as well as a hard-copy version).
* Educational Activities, Inc. (Baldwin, NY; (800) 645...

19950100

13/3,K/2 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

02001048 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Domino's, Danka, Philips Deploy IBM & Lotus Web Products
(Domino's Pizza, Danka Systems, and Philips Microwave Limiel are deploying IBM and Lotus' services over the World Wide Web for a variety of applications)
Newsbytes News Network, p N/A
November 24, 1997
DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 736

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...they are deploying Windows NT-based services from IBM (NYSE:IBM) and Lotus over the **World Wide Web** , for applications ranging from accounting and order entry to production management. During the press event ...

...through fax, phone, and snail mail, for consolidation and dissemination to stores in hard copy **form** , according to Messink, who is Domino Pizza's director of intranet development. The nationwide pizza chain has now created a Lotus Notes-based " **fill** -in-the- **blank** **form** " for submitting store results. "It took us two days to develop the **form** , and almost no time to (deploy) it." Domino Pizza is currently deploying the new **forms** application within one division over the company's intranet, Messink noted. "The next step is...

...at times to "hop in and out of" Notes and outside systems such as EDI (**electronic** data **interchange**). "My goal is to do it all in Notes," Cantin remarked, adding that, with this...

...of concept shows that this won't be a problem, because we can put a **Java** **applet** right in the **form** ," according to the systems architect. "I must say that my (previous) experiences with Windows NT...

...Java, the application will support two-byte unicode, for use in virtually any language. "Microsoft (**ActiveX**) only supports one-byte unicode," Newsbytes was told. Additional information about IBM and Lotus's software and services for Windows NT is available on the **World Wide Web** at http:// **www** .software.ibm.com/nt and http:// **www** .lotus.com/bpartbro/bproch.htm . Reported by Newsbytes News **Network** : http:// **www** .newsbytes.com . (Press Contact: Theo Chisholm, IBM, 914-766-1180; Andrea R. Minoff, IBM, 914...

13/3,K/3 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

01120231 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Cyberleaf: Text To Web The Easy Way; Interleaf Software Lets Users Convert Word Processing Documents To Web Pages
(Interleaf's new Cyberleaf facilitates Internet publishing)
Open Systems Today, n 168, p 38+
February 06, 1995
DOCUMENT TYPE: Journal ISSN: 1061-0839 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1480

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...HTML 3 standards are adopted, a future version of Cyberleaf would be able to generate **HTML** tables.

Also, Cyberleaf does not convert **fill** -in-the- **blank** **forms** into **HTML** **forms** . This is unfortunate, because an experienced Webweaver knows that forms are one of the more...

13/3,K/4 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

02411933 SUPPLIER NUMBER: 63135393 (USE FORMAT 7 OR 9 FOR FULL TEXT)
On Track And in Touch; You want it WHEN? By Howard Millman.(Microsoft PRoject 2000 and Primavera Systems SureTrak 3.0 project management software)(Software Review)(Evaluation)
Millman, Howard
Computerworld, 88(1)
June 26, 2000
DOCUMENT TYPE: Evaluation ISSN: 0010-4841 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1040 LINE COUNT: 00092

... reduced acquisition costs and less maintenance complexity.
SureTrak uses the Web for the distribution of **HTML** - **formatted** reports, but it's strictly one-way, pushing information out to the clients. Primavera's Webster, a $250-per-seat companion product, provides the equivalent **interactivity** found in Project Central. SureTrak's other attributes include well-designed tutorials and Project KickStart Wizard, which provides **fill** -in-the- **blank** simplicity for brainstorming and creating new projects. Another wizard streamlines the process of adding projects into an existing group. SureTrak works with **Internet** Explorer and Netscape browsers. w
Millman operates Data System Services LLC, a consultancy in Croton...

20000626

13/3,K/5 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

02403833 SUPPLIER NUMBER: 62277003 (USE FORMAT 7 OR 9 FOR FULL TEXT)
focus on web authoring.(software from Savant Software, Macromedia, Knowledge Adventure, Microsoft, Holt Software, Trainersoft.com)(Software Review)(Evaluation)
Schneider, Jim
T H E Journal (Technological Horizons In Education), 27, 10, 82
May, 2000
DOCUMENT TYPE: Evaluation ISSN: 0192-592X LANGUAGE: English

RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3100 LINE COUNT: 00235

TEXT:
...was founded in 1977 as a consultancy company with particular expertise in the database design **field** . After developing SSADM in conjunction with the CCTA the company marketed its own method LSDM...

...any multi-user system, which conjures up all sorts of support nightmares in the imagination. **On - line** help is available on both tool and method which gives novice users of this method...

...on SE's ease of use and help facilities. The manuals do not answer every **question** posed by the user and require, in my opinion, padding out'. The Facilities The facilities...

...Facilities offered are: Data Models, Data flow diagrams, Dialog Design, Data Inventory, Functional Analysis, Project **Records** , Help, Housekeeping and Sign Off. Selecting a facility either invokes another icon menu or produces...

...password, entered before access to the facilities menu is granted. Product security is in the **form** of the ubiquitous dongle attached to the printer port. As an analyst and developer first...

...being made, different diagrams being added and used when needed. I started with the Project **Records** facility to list problems and requirements for the system. This facility allows the user to...

...being associated with a particular problem or requirement. In addition to problems and solutions, Project **Records** include a General **Forms** application with several uses: adding additional text to other Design Objects, **recording** cost/benefit analyses, and tracking change requests from other analysts on the team. SE has...

...what is required by the Systems Engineering method. A useful addition, also within the Project **Records** facility, is the General Pictures Application giving three extra picture types to use. A **Network** Entity Life History picture concerned with the time orderings of the transactions, also investigates system...can be either one of the following: Current Data Model, Required Data Model, Third Normal **Form** Structure Model, Composite Logical Data Model or a type of your own. The Data Model...

...of the relationships must be named. The volume and volatility of the relationships can be **recorded** to work out capacity planning. The entities and relationships are placed on the drawing screen...

...where the Data Items displayed on the screen are defined with five different types of **field** , and the screen layout where the positions of the Data Items and any other **fields** are specified, The Data Items must be defined first before entering the Screen Map editor...moment. The Menu Control Structures let the developer plan and describe how the system will **interact** with the user. By building up a set of pictures it is possible to navigate...

...of Workplace address project estimation using estimating parameters tailored precisely to your project and Method **Online** which gives immediate access to **hypertext** documentation on the method without the constraints of a manual. Future directions for both SE...

...and the thought that has obviously gone into the tool. There are still a few **gaps** to be **filled** but I feel LBMS should have these filled quickly. I feel that the tool will...

19910600

13/3,K/9 (Item 6 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01395400 SUPPLIER NUMBER: 09794207
Window shopping. (Software Review) (brief reviews of several software packages) (evaluation)
Stevens, Lawrence
Macworld, v8, n1, p215(2)
Jan, 1991
DOCUMENT TYPE: evaluation ISSN: 0741-8647 LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

...ABSTRACT: 1.0, $99.95 from True Basic, is automated test-creation software that produces both **online** and printed tests. Its searching capabilities give it an edge over competing products. Sterling Swift Software's $149.95 Mathematics Teacher's Workstation facilitates the creation of **instructional** materials. Drawbacks include incomplete documentation. TrakHur, $39.95 from Hurricane Research Service, allows a user...

...the first true computerized fiction program. The $19.95 package from Eastgate Systems is an **interactive** program with user navigation that has the flavor of choose-your-own-adventure books. SPE Software's $28 HyperSnoop 1.0 is an invaluable tool for HyperCard **scripters** that extracts **scripts** and lists code either in text **form** or in a stack. Report Ideas, $79 from Intelligence Active Software, is an extensive library...

...package from Jian that provides a variety of business agreements and is analogous to the **fill** -in-the- **blank** paper **forms** found in many office supply stores. Pros and cons of each package are briefly examined.

19910100

13/3,K/10 (Item 7 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

01243160 SUPPLIER NUMBER: 06629581 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Covia lands PS-2 assistance to make United Airlines' reservation system fly.
Pepper, Jon
PC Week, v5, n17, p45(2)
April 26, 1988
ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1438 LINE COUNT: 00112

... with cryptic commands, Covia officials said.
Competitive reservation systems customarily use predefined templates (inflexible database **formats**) rather than **scripts** (customizable, " **fill** -in-the- **blank** " **formats**). By using **scriptS** , Focalpoint can be set up to search for lowest fares, or provide other services for...

19880426

13/3,K/11 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2002 The Gale group. All rts. reserv.

05125426 SUPPLIER NUMBER: 20417639 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The Web Page Design Cookbook. (book reviews)
Grice, Roger A.
Technical Communication, v44, n1, p87(2)
Feb, 1997
DOCUMENT TYPE: Review ISSN: 0049-3155 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 1429 LINE COUNT: 00121

... 7, "Haute Cuisine," describes some of the fancier things you can include in Web pages: **fill** -in-the- **blank** **forms** , **scripts** for **forms** , image maps, and tables.
* Chapter 8, "Presentation," describes ways you can provide the best settings...

19970200

13/3,K/12 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

01867260 Supplier Number: 54560891 (USE FORMAT 7 FOR FULLTEXT)
The SDF Monthly Dinner Meeting Featuring John Ousterhout of Scriptics.
PR Newswire, p3842
May 6, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 828

... and why is it spreading so quickly? And why did John Ousterhout and Sarah Daniels **form** **Scriptics** ? Tcl is a powerful open source **scripting** language that solves a wide variety of integration problems very quickly -- from creating GUIs and **dynamic** **Web** **pages** to integrating multiple programs or protocols. Since integration problems are rapidly rising to the top...

...Tcl in more areas, they will outgrow the basic open source model. Tcl has been **filling** in the **gap** in areas in technical support, guaranteeing, regular releases, professional level tools, training, and others.
This...
19990506

13/3,K/13 (Item 2 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

01527556 Supplier Number: 47339381 (USE FORMAT 7 FOR FULLTEXT)
Real Time Integration announces embedded Web Server for test and measurement.
Business Wire, p04300226
April 30, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 504

... administrative clients can operate on sixteen different operating system and computer combinations. Configuration uses simple " **fill** -in-the-**blank** " **HTML** **forms** and offers many options including TCP/IP network settings, number and type of data channels...
19970430

13/3,K/14 (Item 3 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

01427265 Supplier Number: 46716968 (USE FORMAT 7 FOR FULLTEXT)
Microplex Systems Adds Color Support to its Internet Frame Server Color Digital Cameras Can Simply Attach to Ethernet Networks
PR Newswire, p0916LAM079
Sept 16, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 482

... can be installed anywhere through a network jack. The NetworkEye is configured using a simple " **fill** -in-the- **blank** " **HTML** **form** . The Web page used to display the images can be customized to include other pertinent...
19960916

13/3,K/15 **(Item 4 from file: 621)**
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

01413247 Supplier Number: 46604226 (USE FORMAT 7 FOR FULLTEXT)
ASPECT TELECOMMUNICATIONS INTEGRATES THE WEB INTO THE CALL CENTER TO DELIVER NEW LEVELS OF CUSTOMER SERVICE
News Release, pN/A
August 5, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1443

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
Dynamic **Web** **page** creation, callback from a live agent, automatic notification and comprehensive reports highlight Aspect **Interactive** Web SAN JOSE, CA, Aug. 5, 1996-Aspect Telecommunications today introduced Aspect **Interactive** Web, a powerful solution that integrates the **World** **Wide** **Web** with call center transactions to deliver a new level of customer service. With Aspect **Interactive** Web, companies can conduct more personalized, informative and efficient customer interactions while allowing the customer full choice of communication method--telephone, fax, **electronic** mail over the **Internet** , pager and, now, the **World** **Wide** **Web** . Aspect **Interactive** Web enables enterprises to create **Web** **pages** tailored to individual customers, to call back Web customers who request live **interaction** , to automatically notify customers of important information (such as a change in stock price), and to produce comprehensive reports covering all customer interactions, regardless of access method. Aspect **Interactive** Web is featured in a new release of Agility, Aspect's **interactive** response system, which delivers automated customer service solutions in a call center environment. "Customers want...

...simply a matter of technology -- it's an issue of meeting customer expectations. With Aspect **Interactive** Web, we've forged a solution that fully meets the market needs. We are especially...

...and efficient access to corporate information, streamlining the search-and-discovery process. For example, Aspect **Interactive** Web can present product catalog pages organized to suit the customer's purchase preferences. Similarly...

...decides to contact a service representative; the agent can play a more consultative role. Aspect **Interactive** Web enables the call center agent to view the customer's progression through the **Web** **site** ; thus the agent can offer specific interpretations and recommendations for each customer situation. Logistix taps Aspect **Interactive** Web for self-service project tracking Logistix, a software and hardware contract manufacturer and teleservices provider, has installed Aspect **Interactive** Web to expand its services to such clients as Apple, Hewlett-Packard and Adobe. At Logistix's communications center in Fremont, California, the company uses Aspect **Interactive** Web to enable customers to track order and shipment status, check on customer inquiries, obtain documentation and download software over the Web. In the future, if customers require live **interaction** , they will be able to simply point and click on the callback icon. "This is...

...even have to leave the computer application, and they won't have to repeat their **question** . One of the key features of Agility is that the agent can see where the customer is and has been on our **Web** **site** ," said Grant Evans, vice president/business development, Logistix. New levels of customer service and agent productivity Aspect **Interactive** Web's capabilities, which achieve new levels of customer service and call center

agent productivity, include: * Personalized **Web page** creation. Aspect **Interactive** Web gathers and presents information gathered directly from multiple corporate databases and legacy host systems. Based on customer requests and account history, it creates **dynamic Web pages** tailored to the individual. * Callback for live link to an agent. For Web interactions in...
...service representative -- for example, to complete a credit card purchase or obtain answers to complex **questions** -- Aspect **Interactive** Web allows the customer to request an agent callback immediately or at a convenient time...

...a current problem. * Simultaneous page viewing. When the customer requests assistance from an agent, Aspect **Interactive** Web delivers the **Web page** to the agent along with the call, allowing the customer service representative to view the page the customer is using. * Screen synchronization over the intranet. Aspect **Interactive** Web provides cost-effective CTI (computer-telephony integration) solutions that supply customer service representatives with...

...corporate intranet. This information can be readily delivered to the agent in easy-to-view **Web page form** at the same time as the call. It enables companies to increase agent productivity and...

...by streamlining data collection and simplifying its presentation. * Automatic customer notification. Companies can use Aspect **Interactive** Web to create proactive applications that automatically notify a customer when a specific event has...
...customers of flight changes and seat availability. * Interoperability with leading LANs, databases and hosts. Aspect **Interactive** Web can search, retrieve and blend information from leading relational databases as well as major...preferences and up-to-date company offerings. Broad LAN connectivity encompasses Ethernet and token ring **network** access, IBM LAN Server and Communications Manager, Novell NetWare, TCP/IP and Microsoft LAN Manager. Host computer access includes IBM, DEC, Hewlett-Packard and the leading UNIX systems. Aspect **Interactive** Web performs database retrieval from Oracle, Sybase, INFORMIX, Microsoft SQL server, BTRIEVE, and other ODBC-compliant database systems. It supports **electronic** mail connectivity with IBM, Hewlett-Packard, DEC, UNIX Mail, MCI Mail and the **Internet** . * Consolidated reporting. Comprehensive reports that integrate information on customer interactions through the call center and...

...other enterprise databases and distribute the data across the organization. * Object-oriented development environment. Aspect **Interactive** Web incorporates Agility's object- oriented development environment, ActionAgent Navigator, a set of Web authoring tools for rapid design of **interactive** Web services. Developers can lay out the **Web pages** that Agility **dynamically** assembles for presentation to the customer. Images can be imported, along with hot links and other elements. Agility ActionAgent Navigator eliminates the need for coding or proprietary **scripting** and enables the developer to remain in the graphical interface, using icons and **fill** -in-the- **blank** boxes even at the detail level. In addition to its rich Aspect **Interactive** Web features, Agility 2.0 offers speech recognition and text-tospeech capabilities. Speech recognition is...

...is voluminous or changes frequently. Availability and pricing Aspect Agility 2.0, including the Aspect **Interactive** Web option, will be available in September. Pricing for Agility 2.0, which includes **interactive** response capabilities over telephone, fax, **electronic** mail and pager, as well as the object-oriented development environment, begins at $75,000. The optional Aspect **Interactive** Web license--which includes **dynamic Web page** creation, callback, automatic notification and comprehensive backend system connectivity--tarts at $36,000. The speech...

...of comprehensive business solutions for mission-critical call centers. Aspect products include automatic call distributors, **interactive** response systems, management information and reporting tools, and planning and forecasting packages. Aspect also provides...

...World headquarters are located in San Jose, California. For additional

information, visit Aspect on the **World Wide Web** at http:// **www** .aspect.com.
19960805

13/3,K/16 (Item 5 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

01398342 Supplier Number: 46495656 (USE FORMAT 7 FOR FULLTEXT)
MICROPLEX INTRODUCES THE FIRST SERVER DEDICATED TO DIGITAL CAMERAS
PR Newswire, p0626LAW058
June 26, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 396

... can be installed anywhere through a network jack. The device is configured using a simple " **fill** -in-the- **blank** " **HTML form** . The web page used to display the images can be customized to include other pertinent...
19960626

13/3,K/17 (Item 6 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

01153128 Supplier Number: 41813682 (USE FORMAT 7 FOR FULLTEXT)
NEW IN-CIRCUIT EMULATOR FROM INTEL OFFERS WINDOWED INTERFACE, MULTI-CONTROLLER SUPPORT
News Release, p1
Jan 24, 1991
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 435

... 96 microcontroller-based products.

The windowed human interface features pull-down menus, on-line help, **hypertext** browsing, function keys and **fill** -in-the- **blank forms** for emulator set-up. The graphic orientation and intuitive icons make the emulator easy to...
19910124

13/3,K/18 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

03173798 Supplier Number: 46505844 (USE FORMAT 7 FOR FULLTEXT)
WHY WORRY? Free speech advocates hope the Supreme Court won't review factual findings of panel that threw out censorious legislation.
Information Law Alert: A Voorhees Report, v4, n11, pN/A
July 1, 1996
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 545

... of a World Wide Web server may interrogate a user of a Web site. An **HTML** document can include a **fill** -in-the- **blank** " **form** " to request information from a visitor to a Web sin recipients online for age. 105...
19960701

13/3,K/19 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

02999451 Supplier Number: 46117408 (USE FORMAT 7 FOR FULLTEXT)
GUIDE TO REFERENCE BOOKS PUBLISHED
Online Product News, v15, n2, pN/A
Feb 1, 1996
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 377

... in the print edition but adds benefits you can only get through today's hottest **format** :
* Instant **hypertext** jumps between cross-references
* **Fill** -in-the- **blank** query templates for fast, easy searching
* Search terms across every field, including annotations, to locate...
19960201

13/3,K/20 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

02966001 Supplier Number: 46040653 (USE FORMAT 7 FOR FULLTEXT)
GUIDE TO REFERENCE BOOKS
Worldwide Databases, v8, n1, pN/A
Jan 1, 1996
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 377

... in the print edition but adds benefits you can only get through today's hottest **format** :
* Instant **hypertext** jumps between cross-references
* **Fill** -in-the- **blank** query templates for fast, easy searching
* Search terms across every field, including annotations, to locate...
19960101

13/3,K/21 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

08752566 Supplier Number: 75715812 (USE FORMAT 7 FOR FULLTEXT)
Local Cutting Edge Tech Training Emerging for Film/Internet Industries.(Company Business and Marketing)
Hawaii Business, v46, n12, p53
June, 2001
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 2457

... 1985 as the UH Film and Video Summer Institute (FAVSI), by mid-'90s program recognized **digital** imaging as common denominator in convergence of film. TV, computers, **internet** reinvented itself in 1996 as Pacific New Media, Continued smart leadership by program cofounders Outreach...

...three sessions/year); b) offers over 50 different training courses in film/video and in **digital** imaging/web design. Film/video courses range from high-touch screenwriting and producing to geek...

...digitizing and outputting video; creating videos with Adobe Premiere, motion graphics with Adobe After Effects. **Digital** imaging/web design workshops train people in specialized software like Macromedia (Dreamweaver, Director, Fireworks, Flash...

...media software programs to personally lead workshops, exposing Hawaii e-com students to best in **field** d) offers UH-certified Web Design Certificate Program, looking to add three new certificate programs...

...university in the country without some sort of film program, so we created FAVSI to **fill** that **gap** . We really focused on film and TV in the beginning, but when computers started taking over the film industry we realized we had to get more involved with **digital** imaging and processing It took us a while to make the transition. We started by offering **digital** editing courses. Many of those **digital** film editing skills also apply to **web site** design so when the **Internet** emerged students started asking us for training in this area. It was a natural progression into general **digital** media." PNM customer base includes undergrad/grad students already enrolled in UH system (natural customer base for PNM); people already in **field** but looking to upgrade skills; people changing careers, including many with no experience but tapped...

...job gets informal assistance from PNM. Most PNM faculty are professionals working in industry, have **network** of contacts, can make introductions for best, brightest. Horowitz keeps email list of over 1... ...send note to shorowitz@outreach.hawaii.edu - Ed.). Some harder to land. Major player in **digital** imaging/web applications training is Seattle-based Thunder Lizard which presents conference s on Mainland...

...rapidly changing. How does Horowitz keep curriculum current, cutting edge? "I keep in touch with **former** students back at work in the **field** , go through the course evaluation **forms** which include a suggestion line, and ask the people who teach our courses since most of them are actually working in the industry. When you're dealing with **digital** media, it's always changing. A program like Flash or Fireworks is always coming out...

...Dreamweaver and other classes for us. He recently was trying to do something on his **website** involving streaming video and was struggling to get Media Pro to compress the files enough to get them on the **website** . He called me up and said, 'If I'm having trouble figuring this out, I...are mass-oriented, like Quark or Photoshop, because we have to cover all bases in **digital** imaging. But many of our workshops are unique, offering high-end, specialized skills training. When...

...For example, Michael Shaff of Small Hands.com in La Honda, California, an internationally recognized **interactive** content developer, came last summer to do a workshop on Live Stage, a computer program... ...national following. She's creative director for Vivid Studios. She's developed client sites and **online** games for many top technology and Fortune 500 companies, including Alta Vista, CNN, Gap, PBS...

...She's written a book, Careers in Multimedia and writes for publications like Net and **Interactive** Age **Digital** . Last winter, when people emailed her asking when and where her next workshop would be...

...also had Drue's colleague, Nathan Shedroff out here. He's a guru in the **field** of information architecture and the design of **interactive web sites** . As a result, we've seen people from California to Florida flying our to Hawaii...

...fundamentals and typography, writing for multimedia, user interface/information design); 63 hours of technical courses (**HTML** , **digital** imaging, production and authoring tools, **electronic** databases, programming basics, Javascript, Flash); 15 hours business management (legal, marketing, project management); 12 hours...

...programs must go through same process. Horowitz proposing three new certific ates programs: film production, **digital** imaging, web development (back-office skills). "I believe the first to come **on line** will be film-making. But if we see other people in the University or the...
20010601

13/3,K/22 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

05080476 Supplier Number: 47458063 (USE FORMAT 7 FOR FULLTEXT)

The End of HTML?
ENT, p052
June 11, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Professional
Word Count: 762

... to come. But for those companies needing structure, portable collections of Web pages or highly **formatted** content, **XML** will **fill** an enormous **void** . For those publishing tasks that seem impossible using **HTML** today, the promise of an industry-standard solution with vendor support is welcome news. --Mark...
19970611

13/3,K/23 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

05000326 Supplier Number: 47343143 (USE FORMAT 7 FOR FULLTEXT)
COMPLETE Web Management
Interactivity, p16
May, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 270

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...client/single-server license) is designed to enable a small development staff to assemble interactive **Web sites** with no programming, in many cases using only a browser. Running on Win95 and NT...

...design client, site management, and server processing (compatible with Netscape Enterprise Server 2.0, Microsoft **Internet** Information Server 2.0, and O'Reilly **Website** 1.1E). In addition, the package includes pre-built components such as a company directory, threaded chat, feedback **form** , press room, and log reports.
19970501

13/3,K/24 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

04726237 Supplier Number: 46957984 (USE FORMAT 7 FOR FULLTEXT)
The Learning Web
PC Week, p053
Dec 9, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 2044

... year.
Davenport has designed the curriculum so each accreditation course includes 200 multiple-choice and **fill** -in-the- **blank** **questions** written in **HTML** . The **questions** are random, so repeat users won't get the same test twice. Trainees submit the...
19961209

13/3,K/25 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

01201518 Supplier Number: 41380755 (USE FORMAT 7 FOR FULLTEXT)
Worldspan Adds Functions, Eyes Rosy Future
Business Travel News, p11
June 11, 1990

Language: English Record Type: Fulltext
Document Type: Tabloid; Trade
Word Count: 609

... announcements at its first subscriber conference here recently, Worldspan Travel Agency Information Services unveiled a **scripting** capability--or **fill** -in-the- **blank** programming **format** --for the PARS and Datas II reservation systems.
The scripting function will give the Worldspan...

19900611

13/3,K/26 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

14361762 SUPPLIER NUMBER: 79338454 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Implement Strategic Content Management.
Barnes, Hank
e-Business Advisor, 19, 4, 20
April, 2001
ISSN: 1098-8912 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 2155 LINE COUNT: 00178

... to your implementation strategy. Figure out which approach you need: custom development for the navigation, **fill** -in-the- **blank** Web **forms** for content submissions, or specialized **scripting** for automation.
Which approach makes sense?
TOP CONCERN: Any way you approach implementation requires some...

20010401

13/3,K/27 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

08200744 SUPPLIER NUMBER: 17609767 (USE FORMAT 7 OR 9 FOR FULL TEXT)
If you believe in the Internet.(Enterprise Networking)
Passmore, David
Business Communications Review, v25, n9, p20(2)
Sep, 1995
ISSN: 0162-3885 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1629 LINE COUNT: 00140

... s venerable terminal, browsers can display text at specified locations on a screen, and support " **fill** in the **blank** " **forms** capabilities.
While **HTML** is far more powerful than 3270 datastream commands in its ability to support bitmap displays...

19950900

13/3,K/28 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

07806818 SUPPLIER NUMBER: 16774036 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Home page, sweet home page; creating a web presence. (Internet World Wide Web applications)
Falcigno, Kathleen; Green, Tim
Database, v18, n2, p20(7)
April-May, 1995
ISSN: 0162-4105 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3853 LINE COUNT: 00293

... creation of fill-in forms are available, but not supported by all Web browsers. The **HTML** tag, < **FORM** > is used to create **fill** -in-the-

blank forms that can be completed on the screen in real-time. The form entries are stored...

19950400

13/3,K/29 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

05782995 SUPPLIER NUMBER: 11836150 (USE FORMAT 7 OR 9 FOR FULL TEXT)
When it's your job to write scripts for telemarketing.... (how to write a good script) (includes glossary)
Carr, Ron J.
Telemarketing, v10, n7, p20(3)
Jan, 1992
ISSN: 0730-6156 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1397 LINE COUNT: 00111

... the customer or when the communicators are experienced and have training in objection handling.
Outline **scripts** are essentially checklists, often combined with **fill** -in-the- **blank forms** for the communicator to complete. These are best used when the communicators are expected to...

19920100

13/3,K/30 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

03674465 SUPPLIER NUMBER: 06542726 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Computer reservations systems plunge into the PC era. (personal computers) (includes related article on manufacturers of airline automation systems)
Henderson, Danna K.
Air Transport World, v25, n8, p47(6)
Aug, 1988
ISSN: 0002-2543 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 4488 LINE COUNT: 00354

... sales scripts for selling travel and creating PNRs, rather than being confined to menu or **fill** -in-the- **blank formats** . Coupled with **Scriptwriter** are Travelscreen, a **profile** function that automatically honors client travel policies and preferences and incorporates data into the PNR...

19880800

13/3,K/31 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

03484301 SUPPLIER NUMBER: 06365697 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Focalpoint software will go European this month. (European version) (Automation Report)
Travel Weekly, v47, n16, p49(1)
Feb 22, 1988
ISSN: 0041-2082 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 342 LINE COUNT: 00027

... by Apollo subscribers.
Focalpoint, designed to function on the IBM Personal System/2 units, provides **fill** -in-the- **blank formats** , color highlighting and the **Scriptwriter** capability permitting managers to direct staff on the handling of various types of business.
The...

19880222

13/3,K/32 (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

03130095 SUPPLIER NUMBER: 04788783 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Covia adds products that agents can tailor to individual needs. (Covia Corp.)
Godwin, Nadine
Travel Weekly, v46, p28(3)
April 27, 1987
ISSN: 0041-2082 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1578 LINE COUNT: 00128

... by fall, is a "value added" reservations system that allows agents to use plain English **instructions** in **fill** -in-the- **blank** **formats** .
Central to the new product is **scripting** , meaning the manager's option of programming a variety of scripts that instruct or even...

19870427
?

```
Set      Items   Description
S1     2500417   ONLINE OR ON()LINE OR ELECTRONIC? OR DIGITAL? OR WWW OR IN-
             TERNET? OR WORLD?()WIDE()WEB OR WEBSITE? OR HOMEPAGE? OR WEB(-
             )(SITE? OR PAGE?) OR WEBPAGE? OR BBS OR HOME()PAGE? OR W3 OR -
             NETWORK? OR WAN OR BULLETIN()BOARD()SYSTEM?
S2      381587   INTERACTIV? OR INTERACT OR INTERACTION OR INTERWORK? OR IN-
             TERPLAY? OR MORTIS? OR CO()OPERAT? OR COOPERAT? OR BACK(1N)FO-
             RTH OR DYNAMIC? OR INTERCHANG? OR RECURSI?
S3        7732   APPLET? OR HTML OR HYPERTEXT OR MARK()UP()LANGUAG? OR MARK-
             UP()LANGUAG? OR HDML OR SGML OR VRML OR XML OR SCRIPT? OR JAV-
             A()(APPLET? OR SCRIPT?) OR ACTIVEX?
S4       55966   FILL?(3N)(BLANK OR SPACE? OR VOID? OR GAP? ? OR  OPENING?)
S5     7137814   QUESTION? OR SURVEY? OR PROFILE? ? OR FORM? OR RECORD? OR -
             FIELD? OR TEXT(N)BOX OR INSTRUCTION?
S6           0   AU=SIRHALL T? OR SIRHALL, T?
S7           1   S1 AND S2 AND S3 AND S4 AND S5
S8           3   S4 AND S3 AND S5
S9           3   S4 AND S3
S10          3   S7 OR S8 OR S9
? show files
File 347:JAPIO Oct 1976-2002/Feb(Updated 020604)
         (c) 2002 JPO & JAPIO
File 350:Derwent WPIX 1963-2002/UD,UM &UP=200239
         (c) 2002  Thomson Derwent
```

10/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014300412 **Image available**
WPI Acc No: 2002-121116/200216
XRPX Acc No: N02-090823
A process for controlling and moving along paths of previously accessed interactive inter- or intra-net HTML source files comprising a non-interactive and interactive browser
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: DAUERER N J; KELLEY E E; KNICKERBOCKER J U
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6327598	B1	20011204	US 97977184	A	19971124	200216	B

Priority Applications (No Type Date): US 97977184 A 19971124
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6327598	B1		14	G06F-015/00	

... **process for controlling and moving along paths of previously accessed interactive inter- or intra-net HTML source files comprising a non-interactive and interactive browser**

Abstract (Basic):
... A interactive **HTML** source file is selected for a blank **form** and downloaded to web browser for storing in the non-interactive web browser cache and screen access path. The **form** is filled and the browser selectively eliminates interactive **HTML** source file **form** presenting **filled** in **spaces** from non-interactive web browser cache by storing desired interactive **HTML** source file **form** presenting **filled** in **spaces** only in interactive web browser cache and screen access path.
... web browser has a non-interactive web browser for storing data from a number of **HTML** source files and a first non-interactive web browser screen access path for identifying and displaying **HTML** source files in a first cache. A second interactive web browser cache for storing data from a number of **HTML** source files and a second interactive web browser screen access path for identifying and displaying **HTML** source files in second cache...

...A non-interactive **HTML** source file is selected and downloaded to non-interactive web browser cache and screen access...

...For controlling and moving along paths of previously accessed interactive inter- or intra-net **HTML** source files...

...Web browser has the ability to distinguish between interactive **HTML** source file **form** presenting blank spaces and interactive **HTML** source file **form** presenting **filled** in **spaces** .

10/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

008644944 **Image available**
WPI Acc No: 1991-148974/199120
XRPX Acc No: N91-114360
Optimum length continuous composite video signal - is formed **by combining RGB** fields **created from data with video signal containing data for creating** fields
Patent Assignee: BOYD I A R (BOYD-I)
Inventor: BOYD I A R; ROSE W J; SCHAEFFER G A
Number of Countries: 023 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9106167	A	19910502				199120	B
US 5023727	A	19910611	US 89420827	A	19891012	199126	
AU 9066247	A	19910516				199133	
EP 495898	A1	19920729	EP 90916122	A	19901010	199231	
			WO 90US5646	A	19901010		
EP 495898	A4	19950111	EP 90916122	A		199545	
EP 495898	B1	19970305	EP 90916122	A	19901010	199714	
			WO 90US5646	A	19901010		
DE 69030097	E	19970410	DE 630097	A	19901010	199720	
			EP 90916122	A	19901010		
			WO 90US5646	A	19901010		
CA 2067499	C	20001219	CA 2067499	A	19901010	200103	
			WO 90US5646	A	19901010		

Priority Applications (No Type Date): US 89420827 A 19891012
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9106167	A				
Designated States (National): AU BR CA FI HU JP KR NO SU					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU NL SE					
EP 495898	A1	E	48	H04N-005/782	Based on patent WO 9106167
Designated States (Regional): DE ES FR GB IT					
EP 495898	B1	E	26	H04N-005/782	Based on patent WO 9106167
Designated States (Regional): DE ES FR GB IT					
DE 69030097	E			H04N-005/782	Based on patent EP 495898
					Based on patent WO 9106167
CA 2067499	C	E		H04N-007/08	Based on patent WO 9106167

... **is** formed **by combining RGB** fields **created from data with video signal containing data for creating** fields

...Abstract (Basic): comprises a listing of what portion of the video signal includes the data and a **field** count in every **field** of the video signal. It also includes information for assembling the TGB **fields** and an index of which RGB **field** to combine with which **fields** in the video signal...

...decoding and storing the decoded data. Furthermore, information is provided where to determine a video **field** assembled from the data with the video signal, and combining the video **field** with the video signal by switching between the two...

...ADVANTAGE - **Fills gap** between current **field** of video signal and beginning **field** of desired video segment. (48pp Dwg.No.1/13)
...Abstract (Equivalent): A method to combine RGB **fields** or no phase-modulated signals and **digital** audio with a video signal to **form** a substantially continuous video signal, the method comprising...

...information for assembling the RGB **fields** or other no phase-modulated video **fields** ,
...

...information for combining a plurality of RGB video **fields** into video segments...
...tags to the length in **fields** or time duration of the RGB video segments...

...an index of which RGB **field** to combine or overlay with which **field** of the video signal, a directory of which **field** counts in the video signal define beginning **fields** of video segments...

...information for generating **digital** audio programs...

...tags to the length in **fields** or time duration of the **digital** audio programs...

...an index of which **digital** audio program to combine or add to which **field** of the video signal...

...an index of which **digital** audio program accompanies which RGB segment, and...

...a **script** defining a default order in which RGB segments and video segments are combined together to **form** a substantially continuous video signal output...
...decoding the data into the information for assembling the RGB **fields** or no phase-modulated signals and **digital** audio with selectable video signal segments that are preprogrammed with the video signal, together with said directory of **field** counts defining the beginning **fields** of each such segment...

...reading the **field** count of the current **field** of the video signal...

...comparing the **field** count of the current **field** with the count defining the beginning **field** of the desired selectable video signal segment to determine the number of **fields** in the gap between the current **field** and the beginning **field** of the desired selected video signal segment...

...assembling RGB **fields** or no phase-modulated signals and **digital** audio necessary to **fill** the **gap** , according to said information for assembling, and **filling** the **gap** with said RGB **fields** or no phase-modulated signals and **digital** audio to **form** a substantially continuous video signal
...Abstract (Equivalent): provided. The data is read, decoded and stored to determine where to combine a video **field** assembled from the data with the video signal, and the video **field** is combined with the video signal by switching between the two...

...The method for **forming** a continuous video signal comprises a step of providing a video signal preprogrammed with data...

...desired video signal segment, determining the gap before locating the desired video signal segment, and **filling** the **gap** with a video segment assembled from the data...

...USE - Computer based **interactive** video system. (25pp)
...Title Terms: **FORMING** ;

10/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

007384039
WPI Acc No: 1988-017974/198803
XRAM Acc No: C88-008055
Script **correction fluid used in image** forming **appts. - obtd. by dispersing at least binding resins, white pigments and pale colouring agent in volatile solvents**
Patent Assignee: MITA IND CO LTD (MTAI)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 62280273	A	19871205	JP 86125507	A	19860529	198803	B

Priority Applications (No Type Date): JP 86125507 A 19860529
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 62280273	A		4		

Script **correction fluid used in image** forming **appts...**

...Abstract (Basic): This correction fluid is used for covering errors written in original copies use in image **forming** appts. adopting electronic photo system. The pale coloured erased parts attract attention easily to the **spaces** to be correctly **filled** .